

# Sponsors

---



WASEDA University

Waseda University



The Committee of Battery Technology  
The Electrochemical Society of Japan



Japan Association of Chemical Sensors  
The Electrochemical Society of Japan

The Committee of Capacitor Technology  
The Electrochemical Society of Japan

Nano and Micro Fabrication Division  
The Electrochemical Society of Japan

Division of Electronics

The Surface Finishing Society of Japan

# Exhibitors

---



Ivium Technologies



YAMAMOTO-MS



Metrohm



Tokyo Instruments

**Kawaguchi Support**

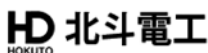
Kawaguchi Support

**Lasertec**

Lasertec Corporation



Yoshino Denka Kogyo



Hokuto Denko



Hohsen Corp



Ametek



Toyo Corp

International Society of Electrochemistry  
Chemin du Closelet 2  
1006 Lausanne  
Switzerland

Copyright © 2018

All rights reserved. No part of this work may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the Publisher.

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

Printed in Japan

Program of the  
22<sup>nd</sup> Topical Meeting  
of the  
International Society of  
Electrochemistry

Materials Engineering and Process Optimization at  
Electrified Solid/Liquid Interfaces

15-18 April 2018  
Tokyo, Japan

*Organized by:*  
Division 4 Electrochemical Materials Science  
Division 5 Electrochemical Process Engineering and Technology  
ISE Region Japan



# Organizing Committee

**Mario Ferreira**, *University of Aveiro, Portugal*

**Takayuki Homma**, *Waseda University, Japan (co-chair)*

**Chi Chang Hu**, *National Tsing Hua University, Taiwan*

**Susumu Kuwabata**, *Osaka University, Japan (co-chair)*

**Sudipta Roy**, *University of Strathclyde, Glasgow, UK*

**Giovanni Zangari**, *University of Virginia, USA*

# Local Organizing Committee

**Takayuki Homma**, *Waseda University, Japan*

**Toshiyuki Momma**, *Waseda University, Japan*

**Tetsuya Osaka**, *Waseda University, Japan*

**Masahiro Kunimoto**, *Waseda University, Japan*

# Table of Contents

Preliminary pages.....	i - iv
<i>Oral presentation program</i>	
Monday morning.....	2
Monday afternoon.....	3
Tuesday morning.....	15
Tuesday afternoon.....	19
Wednesday morning.....	28
Wednesday afternoon.....	34
<i>Poster presentation program</i> ..... 41	
Session 1 on Monday	11:10 to 12:40
	s1-001 to s1-043
	s5-001 to s5-004
Session 2 on Tuesday	12:40 to 14:00
	s2-001 to s2-031
	s3-001 to s3-001
	s4-001 to s4-013
	s5-005 to s5-006
Session 3 on Wednesday	12:40 to 14:00
	s3-002 to s3-048
Index.....	65

# Social Events

---

Sunday 15 April 2018

---

**Okuma Garden House**

17:00

**Welcome Reception**

---

Monday 16 April 2018

---

**M. Ibuka Memorial Hall**

09:30 to 09:50

**Opening Ceremony**

*Chaired by: Takayuki Homma*

---

Tuesday 17 April 2018

---

**Rihga Royal Hotel Tokyo in the «Diamond Banquet Hall»**

18:30

**Banquet**

---

Wednesday 18 April 2018

---

**M. Ibuka Memorial Hall**

16:20

**Closing Ceremony**

# Monday 16 April 2018 - Morning

---

Keynotes

---

M. Ibuka Memorial Hall

*Chaired by: Susumu Kuwabata*

**09:50 to 10:30 Keynote**

**Richard Alkire** (Chemical and Biomolecular Engineering, University of Illinois, Urbana, USA)

[Making Science Work: The Need for New Electrochemical Engineering Methods](#)

**10:30 to 11:10 Keynote**

**Hiroyuki Nishide** (Applied Chemistry, Waseda University, Tokyo, Japan)

[Redox Polymers as an Electrode-active Material](#)

# Monday 16 April 2018 - Afternoon

---

Materials engineering for energy devices: batteries & capacitors

---

M. Ibuka Memorial Hall

*Chaired by: Hiroki Nara and Virginija Kepeniene*

12:40 to 13:10 Invited

**Stefano Passerini** (Helmholtz Institute Ulm, Karlsruhe Institute of Technology, Ulm, Germany), Dominic Bresser

[Nanostructures for Combined Conversion/Alloying Materials as Lithium-ion Anodes](#)

13:10 to 13:30

**Jernej Bobnar** (Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia), Rémi Dedryvère, Robert Dominko, Boštjan Genorio, Gregor Kapun, Matic Lozinšek, Christian Njél

[Fluorinated reduced graphene oxide as protective layer on lithium surface for batteries application](#)

13:30 to 13:50

**Motoko Nagasaki** (Graduate School of Urban Environmental Sciences, Tokyo Metropolitan University, Tokyo, Japan), Kiyoshi Kanamura, Takuya Masuda, Hirokazu Munakata, Kei Nishikawa

[Surface Analysis of Li metal Anode in Lithium Metal Rechargeable Battery Using  \$\text{Li}\_4\text{Mn}\_5\text{O}\_{12}\$  as Cathode](#)

13:50 to 14:10

**David Peralta** (Battery Materials Laboratory, CEA Grenoble, Grenoble, France), Didier Bloch, Adrien Boulineau, Carole Bourbon, Jean-François Colin, Frederic Fabre, Sebastien Patoux, Jeremie Salomon

[\$\text{LiNi}\_1/3\text{Mn}\_1/3\text{Co}\_1/3\text{O}\_2\$  submicronic particles to improve the power performances of Li-ion batteries](#)

14:10 to 14:30

**Yi-Shiuan Wu** (Battery Research Center of Green Energy, Ming Chi University of Technology, New Taipei City, Taiwan)

[Three-dimensional porous graphene-wrapped silicon nanoparticles composite anode with nanofiber composite PET separator for lithium-ion batteries](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

**M. Ibuka Memorial Hall***Chaired by: Akimitsu Ishihara and Yoshitaka Aoki*

14:30 to 14:50

**Shun Kobayashi** (Clean Energy Research Center, University of Yamanashi, Kofu, Japan), Makoto Aoki, Junji Inukai, Teppei Kawamoto, Toshihiro Kondo, Ryo Shirasaka, Kohei Suda, Hiroyuki Uchida, Mitsuru Wakisaka

[Multilateral Analyses of Pt-skin/Pt<sub>3</sub>Co\(111\) Single Crystal Electrode with Extremely High Activity for the Oxygen Reduction Reaction](#)

14:50 to 15:10

**Virginija Kepeniene** (Department of Catalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Eugenijus Norkus, Raminta Stagniunaite, Loreta Tamasauskaite Tamasiunaite

[Carbon Based Cobalt Catalysts for Oxygen Reduction Reaction](#)

15:10 to 15:30

**Jet-Sing Lee** (iCeMS, Kyoto University, Kyoto, Japan), Satoshi Horike, Susumu Kitagawa

[Alloy-Doped Carbons Derived from Porous Coordination Polymers for Oxygen Reduction Reaction](#)

15:30 to 15:50

[Coffee Break](#)

15:50 to 16:20 Invited

**Hasuck Kim** (Department of Energy Science and Engineering, DGIST, Daegu, Korea), Pandian Ganesan, Sangaraju Shanmugam, Won-kyo Suh, Seunghee Woo

[Preparation of Low Loading Pt Catalysts for Oxygen Reduction in Low Temperature Fuel Cells](#)

16:20 to 16:40

**Yoshiki Konno** (Surface Finishing Technology Lab, Kyoto Municipal Inst. of Industrial Technology and Culture, Kyoto, Japan), Tomio Nagayama, Toshihiro Nakamura, Kaname Okura, Takayo Yamamoto

[Formation of Nanoporous Spinel Ferrite Electrocatalysts by Anodizing of Electroplated Iron Alloys](#)



16:40 to 17:00

**Akimitsu Ishihara** (Institute of Advanced Sciences, Yokohama National University, Yokohama, Japan), Masazumi Arao, Hideto Imai, Shunsuke Kasamatsu, Masashi Matsumoto, Koichi Matsuzawa, Shigenori Mitsushima, Takaaki Nagai, Ken-ichiro Ota, Osamu Sugino, Yoshiyuki Yamamoto

[Oxygen reduction activity of titanium oxide-based compounds as non-platinum cathode for PEFCs](#)

17:00 to 17:20

**Shih-Cheng Chou** (Materials Science and Engineering, National Chiao Tung University, Hsinchu, Taiwan)

[Core-Shell  \$\text{Co}\_3\text{O}\_4\$ @Pt on Mildly Oxidized Graphene Oxide for Oxygen Electro-Reduction in an Alkaline Electrolyte](#)

17:20 to 17:40

**Arumugam Sivanantham** (Energy Science and Engineering, Daegu Gyeongbuk Institute of Science & Technology (DGIST), Daegu, Korea), Sangaraju Shanmugam

[Co@NC Core-Shell as an Efficient and Ultra-Durable Oxygen Electrode in Water Electrolyzer](#)

17:40 to 18:00

**Yoshitaka Aoki** (Faculty of Engineering, Hokkaido University, Sapporo, Japan), Hiroki Habazaki, Damian Kowalski

[ORR activity of epitaxial and polycrystalline  \$\text{La}\_{0.7}\text{Sr}\_{0.3}\text{Mn}\_{1-x}\text{Ni}\_x\text{O}\_3\$  thin films fabricated by pulsed laser deposition](#)

18:00 to 18:20

**Xingxing Chen** (School of Chemical Engineering, University of Science and Technology Liaoning, Anshan, China), Xinning Huang, Huimin Liu, Zhenjie Lu, Justus Masa, Haoran Pan, Jun Wang, Tao Wang

[Earth-Abundant Coal-based Porous Carbon as the High-Performance Bi-functional Oxygen Electrocatalyst](#)

---

Materials engineering for energy devices: batteries & capacitors

---

**Room 1**

*Chaired by: Shuehlin Yau and Chunyu Zhu*

12:40 to 13:10 Invited

**Luca Magagnin** (Chemistry, Materials and Chemical Engineering,  
Politecnico di Milano, Milano, Italy), Alessandra Accogli, Luca Magagnin

[Electrochemistry of Particulate Electrodes Based on Magnetite Aggregates](#)

13:10 to 13:30

**Shuehlin Yau** (Chemistry, National Central University, Taoyuan, Taiwan)

[The Au\(111\) - Supported Pt Monolayer as the Most Active Electrocatalyst  
Toward Hydrogen Oxidation and Evolution in Sulfuric Acid](#)

13:30 to 13:50

**Ove Oll** (Institute of Chemistry, University of Tartu, Tartu, Estonia), Enn  
Lust, Ove Oll

[Electroreflectance Study of Thin-film Graphite | Ionic Liquid Interface:  
Electro-optics of Electrical Double-Layer and Dielectric Capacitors](#)

13:50 to 14:10

**Chunyu Zhu** (Division of Applied Chemistry, Hokkaido University, Sapporo,  
Japan)

[Exothermic reaction promoted production of hierarchical porous carbon  
for electrochemical energy storage and conversion](#)

14:10 to 14:30

**Thomas Rabbow** (Vienna, Austria)

[Physical Chemistry of Thermal Activation and Electrochemical Reactivity  
of Carbon Felts](#)

14:30 to 14:50

**Ozlem Sel** (LISE (Laboratoire Interfaces et Systèmes Electrochimiques),  
Sorbonne Universités, UPMC University Paris 06, Paris, France), Hubert  
Perrot

[Fast Electrogravimetric Methods for Investigating Electrode/Electrolyte  
Interfaces in Electrochemical Storage Devices: Application to Nanostruc-  
tured Metal Oxide Thin Films](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

**Room 1**

*Chaired by: Donald Tryk and Hiroataka Sato*

14:50 to 15:10

**Federico Calle-Vallejo** (Institute of Theoretical and Computational Chemistry, Universitat de Barcelona, Barcelona, Spain), Aliaksandr Bandarenka

[Optimizing Platinum Electrocatalysts for Various Reactions by Means of Coordination-Activity Plots](#)

15:30 to 15:50

[Coffee Break](#)

15:50 to 16:20 Invited

**Aliaksandr Bandarenka** (Department of Physics, Technical University of Munich, Garching, Germany)

[Identification of Catalytically Active Sites at Electrode Surfaces](#)

16:20 to 16:40

**Akichika Kumatani** (Advanced Institute for Materials Research, Tohoku University, Sendai, Japan), Hiroki Ida, Tomokazu Matsue, Chiho Miura, Takeru Okada, Seiji Samukawa, Hitoshi Shiku, Yasufumi Takahashi

[Spatially Resolved Electrochemical Analysis for Redox Activities of Graphene/Graphite Surface Structures](#)

16:40 to 17:00

**Donald Tryk** (Fuel Cell Nanomaterials Center, University of Yamanashi, Kofu, Japan), Akihiro Iiyama, Hideto Imai, Junji Inukai, Shun Kobayashi, Toshihiro Kondo, Masashi Matsumoto, Guoyu Shi, Ryo Shirasaka, Hiroyuki Uchida, Mitsuru Wakisaka, Hiroshi Yano

[Recent Progress in Theoretical Understanding of Anode and Cathode Catalysts in Polymer Electrolyte Fuel Cells](#)

17:00 to 17:20

**Dongil Lee** (Department of Chemistry, Yonsei University, Seoul, Korea)

[Electrocatalytic Applications of Atomically Precise Metal Nanoclusters](#)

17:20 to 17:40

**Lu Gan** (Surface and Interface Kinetics Group, National Institute of Materials Science, Tsukuba City, Japan), Hideyuki Murakami, Isao Saeki, Tomoyuki Yamamoto

[Formation Kinetics of Co-W-based Oxides from an Electroplated Alloy Coating on a Stainless Steel](#)

17:40 to 18:00

**Hiroataka Sato** (School of Mechanical and Aerospace Engineering, Nanyang Technological University, Singapore, Singapore), Kee Chun Poon, Haibin Su, Desmond Tan, Thang Vo, Jing Zhan

[Facile Electrochemical Synthesis of Electrocatalysts for Fuel Cell and Electroless Plating](#)

18:00 to 18:20

**Masanori Hayase** (Mechanical Engineering, Tokyo University of Science, Noda, Japan), Toshimitsu Miyauchi, Ryo Shirai, Natasa Vasiljevic

[Au-Pd-Pt Catalyst for Miniature Fuel Cells with Monolithically Fabricated Si Electrodes](#)

18:20 to 18:40

**Ivar Kruusenberg** (Institute of Chemistry, University of Tartu, Tartu, Estonia), Galina Dobeleva, Katlin Kaare, Eugenijus Norkus, Loreta Tamasauskaite Tamasiunaite, Aleksandrs Volperts, Aivars Zurins

[Design and Manufacturing of Highly Active Wood-Derived Carbon Materials for Low Temperature Fuel Cells](#)

---

**Materials engineering for energy devices: batteries & capacitors**

---

**Room 2**

*Chaired by: Wataru Sugimoto and Sosbi Shiraishi*

**12:40 to 13:10 Invited**

**Bruce Dunn** (Materials Science and Engineering, UCLA, Los Angeles, USA)  
[The Design of Materials for High Rate Energy Storage](#)

**13:10 to 13:30**

**Hubert Perrot** (LISE, Sorbonne University, Paris, France), Ozlem Sel  
[Investigations of various capacitive/faradaic materials through multi-scale coupled methods](#)

**13:30 to 13:50**

**Wataru Sugimoto** (Center for Energy and Environmental Science, Shinshu University, Ueda, Japan), Sho Makino, Dai Mochizuki  
[Lithium pre-doping from aqueous solution for hybrid supercapacitors](#)

**13:50 to 14:10**

**Krzysztof Fic** (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Elzbieta Frackowiak, Mikolaj Meller  
[Redox Activity of Sulphur-based Electrolytes in Supercapacitor Application](#)

**14:10 to 14:30**

**Nathan Keilbart** (Materials Science and Engineering, The Pennsylvania State University, University Park, USA), Ismaila Dabo, Shin'ichi Higai, Yasuaki Okada  
[Quantum-continuum Simulations of High Power Density Oxide Electrodes for Pseudocapacitive Energy Storage](#)

**14:30 to 14:50**

**Da-Je Hsu** (Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan), Yu-Wen Chi, Chi-Chang Hu, Kun-Ping Huang  
[Electrochemical activation of graphene nanowalls synthesized by plasma-enhanced chemical vapor deposition for high-voltage organic EDLCs](#)

14:50 to 15:10

**Grzegorz Lota** (Institute of Chemistry and Technical Electrochemistry, Poznan University of Technology, Poznan, Poland), Andreas Bund, Lukasz Kolanowski, Jaroslaw Wojciechowski

[The Influence of Current Collector Corrosion on the Performance of Electrochemical Capacitors](#)

15:10 to 15:30

**Bebi Patil** (Institute of Nano Science and Technology, Hanyang University, Seoul, Korea), Suhyun Ahn, Heejoon Ahn, Youngjin Jeong, Hyeonjun Song, Seongil Yu

[Ultrahigh performance of a coaxial fiber-shaped asymmetric supercapacitor based on nanostructured MnO<sub>2</sub>/CNT-web paper and Fe<sub>2</sub>O<sub>3</sub>/carbon fiber electrodes](#)

15:30 to 15:50

[Coffee Break](#)

*Chaired by: David Zitoun and Torsten Wagner*

15:50 to 16:20 Invited

**Soshi Shiraiishi** (Graduate School of Science and Technology, Gunma University, Kiryu, Japan), Yoshikiyo Hatakeyama, Hidehiko Tsukada

[Highly Durable Electrochemical Capacitors Using Seamless Activated-Carbon Electrode](#)

16:20 to 16:40

**Bunsho Ohtani** (Institute for Catalysis, Hokkaido University, Sapporo, Japan), Yuma Murakami, Akio Nitta, Mai Takase, Mai Takashima

[Energy-resolved Density of Electron Traps as a Novel Macroscopic Measure for Characterization of Metal-Oxide Powders](#)

16:40 to 17:00

**Torsten Wagner** (Institute of Nano- and Biotechnologies, FH Aachen, Juelich, Germany), Lars Breuer, Michael J. Schoening, Farnoosh Vahidpour, Rene Welden

[A light-addressable lab-on-a-chip platform](#)

17:00 to 17:20

**Hoang Anh Truong** (Biomedical Engineering, Tohoku University, Sendai, Japan), Koichiro Miyamoto, Carl Frederik Werner, Tatsuo Yoshinobu

[Multi-well sensor platform based on a partially etched structure of light-addressable potentiometric sensor](#)

17:20 to 17:40

**Kei Murakoshi** (Department of Chemistry, Faculty of Science, Hokkaido University, Sapporo, Japan), Hiro Minamimoto, Shumpei Oikawa

[Ultra-Fine Tuning of Plasmonic Properties for Au Nano-Structures via Electrochemical Method](#)

17:40 to 18:00

**Tsubasa Ishii** (Department of System and Control Engineering, Tokyo Institute of Technology, Meguro-ku, Japan), Kenji Amaya

[Development of Polarization Curve Evaluation System Using Inverse Analysis](#)

18:00 to 18:20

**Stijn F.L. Mertens** (Institute of Applied Physics, TU Wien, Vienna, Austria)

[Quantifying and Modifying Defects in 2D Materials by Metal Underpotential Deposition](#)

18:20 to 18:40

**David Zitoun** (Department of Chemistry, Bar Ilan University, Ramat Gan, Israel), Masha Alesker, Istvan Bakos, Luba Burlaka, Qingying Jia, Sanjeev Mukerjee, Meital Shviro

[Direct Evidence for the Bifunctional Hydrogen Oxidation Reaction Electrocatalysis in Alkaline Medium](#)

## Materials engineering for sensing, electronic and photonic devices

## Room 3

*Chaired by: Chi-Chang Hu and Shigeki Kuroiwa*

12:40 to 13:10 Invited

**Hiroshi Nishihara** (Department of Chemistry, School of Science, The University of Tokyo, Tokyo, Japan)

[Interfacial Synthesis of Functional Coordination Nanosheets](#)

13:10 to 13:30

**Tony Breton** (MOLTECH-Anjou UMR CNRS 6200, University of Angers, Angers, France), Marius Cesbron, Christelle Gautier, Eric Levillain

[Mixed Functional Monolayers prepared from Redox Controlled Diazonium Grafting](#)

13:30 to 13:50

**Maja Budanovic** (Division of Chemistry and Biological Chemistry, Nanyang Technological University, Singapore, Singapore), Dzeneta Halilovic, Surendra Mahadevegowda, Miahiela C. Stuparu, Richard D. Webster

[The Enhancement of Electron-Acceptor Properties of Extended Corannulenes](#)

13:50 to 14:10

**Priscila Valverde Armas** (Chemical and Process Engineering, University of Strathclyde, Glasgow, United Kingdom), Todd Green, Sudipta Roy

[Electro-dissolution of Copper from a Water-containing Deep Eutectic Solvent](#)

14:10 to 14:30

**Prem Pandey** (Chemistry, Indian Institute of Technology (BHU), Varanasi, India)

[Synthesis and Applications of Processable Prussian Blue Nanoparticles](#)

14:30 to 14:50

**Alexander Kuhn** (ENSCBP, University of Bordeaux, Pessac, France), Laurent Bouffier, Neso Sojic, Dodzi Zigah

[Optimization of asymmetric particle synthesis with bipolar electrochemistry](#)



14:50 to 15:10

**Falk Muench** (Department of Materials and Interfaces, Weizmann Institute of Science, Rehovot, Israel), Tatyana Bendikov, Yishay Feldman, Ronit Popovitz-Biro, Israel Rubinstein, Alexander Vaskevich

[Shape-Selective Electroless Plating of High Aspect Ratio Silver Nanoplatelet Films](#)

15:30 to 15:50

[Coffee Break](#)

*Chaired by: Naoki Fukumuro and Antoine Allanore*

15:50 to 16:20 Invited

**Wei-Ping Dow** (Chemical Engineering, National Chung Hsing University, Taichung, Taiwan), Po-Fan Chan, I.-Hsuan Chang, Shih-Cheng Chang, Yi-Yung Chen, Chun-Hsiang Lo, Wei-Yang Zeng

[Advanced Electroplating Technologies for 2.5D and 3D Chip Packaging Fabrication](#)

16:20 to 16:40

**Andrew Lodge** (Chemistry, University of Southampton, Southampton, United Kingdom), Richard Beanland, Ruomeng Hang, Andrew Hector, Reza Kashtiban, Samantha Soulé, Kees de Groot

[Electrodeposition of porous silica templates inside lithographically defined substrates for nanofabricated devices](#)

16:40 to 17:00

**Chi-Chang Hu** (Department of Chemical Engineering, National Tsing Hua University, Hsin-Chu, Taiwan), Chun-Cheng Lin

[Surface morphology and microstructure control of electrodeposited copper foils for high-frequency wireless devices and Li-ion batteries](#)

---

Fabrication and diagnosis processes including theoretical analyses and modeling

---

17:00 to 17:20

**Antoine Allanore** (Department of Materials Science & Engineering, MIT, Cambridge, USA), Andrew Caldwell, Bradley Nakanishi

[AC-voltammetry signals during electrodeposition and gas evolution in molten salts](#)

17:20 to 17:40

**Tso-Fu Mark Chang** (Institute of Innovative Research, Yokohama, Japan), Chun-Yi Chen, Yi-Hsuan Chiu, Yung-Jung Hsu, Masato Sone

[Hydro-Baric Effect on Cathodic Deposition of Titanium Dioxide and Tin Dioxide](#)

17:40 to 18:00

**Remigiusz Kowalik** (Faculty of Non-Ferrous Metals, Kraków, Poland), Karolina Kolczyk, Dawid Kutyla, Anna Kwiecinska, Piotr Zabinski

[Electrochemical Analysis of Cobalt and Selenium Codeposition Process from Acidic Solutions](#)

18:00 to 18:20

**Krzysztof Mech** (Academic Centre for Materials and Nanotechnology, AGH University of Science and Technology, Krakow, Poland), Jean Paul Chopart, Konrad Szacilowski, Mirosław Wróbel, Piotr Zabinski

[Co-deposition of nickel and palladium from ammonia based bath](#)

18:20 to 18:40

**Naoki Fukumuro** (Department of Chemical Engineering and Materials Science, University of Hyogo, Himeji, Japan), Yuh Fukai, Ayumu Matsumoto, Shinji Yae

[Hydrogen-Induced Structural Changes in Electrodeposited Metal Films](#)

# Tuesday 17 April 2018 - Morning

---

## Keynotes

---

M. Ibuka Memorial Hall

*Chaired by: Toshiyuki Momma*

### 09:30 to 10:10 Keynote

**Ulrich Stimming** (Chemistry, Newcastle University, Newcastle upon Tyne, United Kingdom), Oliver Schneider, Lukas Seidl

[\*In-situ\* Studies of Li- and Na- Intercalation Batteries](#)

### 10:10 to 10:50 Keynote

**Eiichiro Matsubara** (Materials Science and Engineering, Kyoto University, Kyoto, Japan)

[Efforts to Develop the Innovative Batteries in the NEDO RISING 2 Project](#)

### 10:50 to 11:10

[Coffee Break](#)

---

## Materials engineering for energy devices: batteries & capacitors

---

M. Ibuka Memorial Hall

*Chaired by: Futoshi Matsumoto and Nae-Lih Wu*

### 11:10 to 11:40 Invited

**Masayoshi Watanabe** (Department of Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan)

[Effect of Activity of Free Solvents in Concentrated Electrolytes on Electrochemical Energy Conversion Reactions](#)

### 11:40 to 12:00

**Daniel Bélanger** (Chimie, Université du Québec à Montréal, Montréal, Canada), Laura Coustan

[Electrochemistry in superconcentrated aqueous electrolytes](#)

12:00 to 12:20

**Minoru Mizuhata** (Department of Chemical Science and Engineering, Kobe University, Kobe, Japan), Hideshi Maki, Masaki Matsui, Marie Takemoto

[Dynamic properties on NMR spectroscopy for LiClO<sub>4</sub>/PC-DME solution coexisting with fumed silica filler](#)

12:20 to 12:40

**Futoshi Matsumoto** (Department of Life and Materials Chemistry, Kanagawa University, Yokohama, Japan)

[Application of porous electrodes prepared with picosecond pulsed laser to lithium ion battery](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

Room 1

*Chaired by: Eiji Higuchi and Hee-Tak Kim*

11:10 to 11:40 Invited

**Karel Bouzek** (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Tomas Bystron, Martin Prokop

[Aspects of Phosphoric Acid Presence in High-Temperature PEM Fuel Cell with Regard to the Pt Catalyst](#)

11:40 to 12:00

**Fabian Bienen** (Electrochemical Energy Technology, German Aerospace Center, Stuttgart, Germany), K. Andreas Friedrich, Elias Klemm, Dennis Kopljar, Armin Löwe, Nobert Wagner

[On the applicability of the capillary rise method for determining the internal wettability of gas-diffusion electrodes](#)

12:00 to 12:20

**Tilman Jurzinsky** (Applied Electrochemistry, Fraunhofer Institute for Chemical Technology ICT, Pfinztal, Germany), Michael Bruns, Carsten Cremers, Eduardo Daniel Gomez Villa, Julia Melke, Frieder Scheiba

[Improving the electrode-electrolyte link in high-temperature polymer electrolyte membrane fuel cells by catalyst support functionalization](#)

12:20 to 12:40

**Junichiro Otomo** (Department of Environment Systems, The University of Tokyo, Kashiwa, Japan), Fumihiko Kosaka, Chien-I. Li, Akio Oikawa

[Electrode Design and Performance Characteristics for Ammonia Electrochemical Synthesis with Proton-Conducting Solid Electrolyte Fuel Cells](#)

---

Fabrication and diagnosis processes including theoretical analyses and modeling

---

Room 2

*Chaired by: Sho Hideshima and Yasuo Yoshimi*

11:10 to 11:40 Invited

**Daniel Scherson** (Department of Chemistry, Case Western Reserve University, Cleveland, USA), Zhange Feng, Nicholas Georgescu, Qi Han

[New Advances in Ohmic Microscopy](#)

11:40 to 12:00

**Alexander Oleinick** (CNRS-ENS-UPMC, UMR8640 Pasteur, CNRS, Paris, France), Christian Amatore, Oleksii Sliusarenko, Irina Svir

[Reconstruction of Nanoparticle or Electroactive Nano-Component Distributions in Electrochemical Arrays based on Chronoamperometric Data](#)

12:00 to 12:20

**Shofu Matsuda** (Department of Materials Science and Technology, Nagaoka University of Technology, Nagaoka, Niigata, Japan), Yoshiki Obu, Yuuki Okuda, Minoru Umeda

[Electrochemical Characteristics of Triphenylamine Derivative by Microelectrode Voltammetry](#)

12:20 to 12:40

**Georg Gorbatovski** (Institute of Chemistry, University of Tartu, Tartu, Estonia), Erik Anderson, Enn Lust, Ove Oll

[Specific Adsorption from an Ionic Liquid: \*In Situ\* STM and Impedance Study of Iodide Ion Adsorption from a Pure Halide Ionic Liquid at Bismuth Single Crystal Planes](#)

---

**Materials engineering for sensing, electronic and photonic devices**

---

**Room 3**

*Chaired by: Kazuhiro Fukami and Jan Macak*

**11:10 to 11:40 Invited**

**Mario Ferreira** (Department of Materials Science and Engineering, Campus Santiago, Aveiro, Portugal), Joao Tedim, Mikhail Zheludkevich

[Smart Nano/Micro-structured Coatings for Corrosion Protection, Anti-Fouling Application and Sensing](#)

**11:40 to 12:00**

**Chularat Wattanakit** (Vidyasirimedhi Institute of Science and Technology, (VISTEC), Rayong, Thailand), Sunpet Assavapanumat, Alexander Kuhn, Veronique Lapeyre, Jumras Limtrakul, Somkiat Nokbin, Chompunuch Warakulwit, Thittaya Yutthalekha

[Highly Enantioselective Electrosynthesis at Mesoporous Chiral Metal Surfaces](#)

**12:00 to 12:20**

**Christelle Gautier** (Laboratoire MOLTECH-Anjou - UMR CNRS 6200, Université d'Angers, Angers, France), Olivier Aleveque, Sihame Bkhach, Eric Levillain

[From solution to mixed self-assembled monolayers: enhancement or extinction of the properties?](#)

**12:20 to 12:40**

**Kazuhiro Fukami** (Department of Materials Science and Engineering, Kyoto University, Kyoto, Japan), Takeshi Abe, Atsushi Kitada, Akira Koyama, Kuniaki Murase, Tetsuo Sakka

[Acceleration of Ion Transport within Nanopore Caused by Confinement of Electrolyte Solution](#)

## Tuesday 17 April 2018 - Afternoon

---

Materials engineering for energy devices: batteries & capacitors

---

M. Ibuka Memorial Hall

*Chaired by: Futoshi Matsumoto, and Nae-Lih Wu*

14:00 to 14:20

**Tokihiko Yokoshima** (Research Organization of Nano and Life Innovation, Waseda University, Tokyo, Japan), Toshiyuki Momma, Hiroki Nara, Tetsuya Osaka, Taku Owada

[Electrochemical Deposition Mechanism of Si-O-C Composite Anode from Propylene Carbonate Based Bath](#)

14:20 to 14:40

**Eduardo dos Santos Sardinha** (Department of Chemistry, Carl-von-Ossietzky Universität Oldenburg, Oldenburg, Germany), Michael Sternad, Martin Wilkening, Gunther Wittstock

[Scanning Electrochemical Microscopy Study of the Formation of Solid Electrolyte Interfaces and Lithiation on Silicon Electrodes](#)

14:40 to 15:00

**Lina Marcela Sepúlveda** (Universidad de Antioquia, Medellín, Colombia), Juan Guillermo Castaño, Félix Echeverría

[The Synthesis of TiO<sub>2</sub> Self-Ordering Nanocolumns on Al/Ti Layers by Two-Step Anodizing Process Using Etidronic Acid and Their Electrochemical Study by Cyclic Voltammetry](#)

15:00 to 15:20

**Song-Zhu S. Kure-Chu** (Department of Materials Function and Design, Nagoya Institute of Technology, Nagoya, Japan), Takehiko Hihara, Nobuhiro Kawakami, Reona Miyazaki, Guoyi Tang, Hitoshi Yashiro, Yongda Ye

[One-Process Fabrication of Nanostructured TiO<sub>2</sub>-TiO-TiN/XO<sub>2</sub> Composite Films on Ti Foils toward High-Performance Anode Materials for Lithium Ion Batteries](#)

15:20 to 15:40

**Sayoko Shironita** (Department of Materials Science and Technology, Nagaoka University of Technology, Nagaoka, Japan), Neil Ihsan, Kotaro Konakawa, Kenichi Souma, Minoru Umeda

[Investigation of nitriding treated Ni-free stainless steel as current collector for 5V-class Li-ion secondary cell](#)

15:40 to 16:00

[Coffee Break](#)

*Chaired by: Minoru Mizuhata and Daniel Bélanger*

16:00 to 16:20

**Nae-Lih Wu** (Chemical Engineering Department, National Taiwan University, Taipei, Taiwan)

[Enhanced Performance of Li-Ion Battery Cathodes by Polymeric Artificial Solid-Electrolyte-Interphase Coatings](#)

16:20 to 16:40

**Jun Haruyama** (CD-FMat, Advanced Industrial Science and Technology (AIST), Tsukuba, Japan), Tamio Ikeshoji, Minoru Otani

[Li Insertion/Desorption Simulations at  \$\text{Li}\_x\text{C}\_6/\text{EC}\$  \( \$\text{LiPF}\_6\$  1M\) Interfaces Using Density Functional + Implicit Solvation Theory](#)

16:40 to 17:00

**Masashi Ishikawa** (Department of Chemistry and Materials Engineering, Kansai University, Suita, Japan), Yukiko Matsui, Satoshi Uchida

[Sulfur-Carbon Composite Electrodes and Effective Electrolytes for Rechargeable Li/S Batteries](#)

17:00 to 17:20

**Yunwen Wu** (Graduate School of Advanced Science and Engineering, Waseda University, Tokyo, Japan), Toshiyuki Momma, Hiroki Nara, Tetsuya Osaka, Tokihiko Yokoshima

[Potentiostatic Pre-lithiation for Preparing Lithium Sulfide Cathode](#)



17:20 to 17:40

**Sasan Ghashghaie** (Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, China), Samson Ho-Sum Cheng, Jonathan Chi-Yuen Chung, Jie Fang, Robin Lok-Wang Ma, Hafiz Khurram Shahzad

[Electric-Field Assisted Deposition of Carbon Nanostructures as a Binder-Free Approach to Fabricate High-Efficiency Li-S Batteries](#)

17:40 to 18:00

**Katarina Gavalierova** (Dept of Physical Chemistry, Pavol Jozef Safarik University, Kosice, Slovakia), Pedro Gómez-Romero, Daniel Rueda, Andrea Straková Fedorková

[Composite of S-MWCNTs-PPy-nanopipes as Cathode Material for Li-S Batteries](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

Room 1

*Chaired by: Tilman Jurzinsky and Junichiro Otomo*

14:00 to 14:20

**Gumaa El-Nagar** (Inst. of Chemistry and Biochemistry, Freie Berlin Universität, Berlin, Germany), Iver Laueremann, Christina Roth

[Efficient Direct Formic Acid Fuel Cells \(DFAFCs\) Anode Derived from Seafood Waste: Spillover Mechanism](#)

14:20 to 14:40

**Eiji Higuchi** (Department of Applied Chemistry, Osaka Prefecture University, Sakai, Japan), Masanobu Chiku, Naoki Hiratsuka, Hiroshi Inoue

[Preparation of Pd-deposited Spherical Ag Electrocatalysts and Their Application to Alkaline Fuel Cells](#)

14:40 to 15:00

**Hee-Tak Kim** (Chemical and Biomolecular Engineering, KAIST, Daejeon, Korea)

[Tuning the ionomer distribution in catalyst layer with scaling the ionomer aggregate size in dispersion for high performance PEMFC](#)

15:00 to 15:20

**Sana Ben Jadi** (Chemistry, Faculty of Sciences - Ibn Zohr University, Agadir, Maroc), Zaynab Aouzal, El Arbi Bazzaoui, Mohammed Bazzaoui, Jadi, Mimouna Bouabdallaoui, Abdelqader El Guerraf, Abdelhadi El Jaouhari, Rongguang Wang

[Effect of Conducting Polymers Coating on Nafion Methanol Crossover in Direct Methanol Fuel Cell \(DMFC\)](#)

15:20 to 15:40

**Raminta Stagniunaite** (Department of Catalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Virginija Kepeniene, Eugenijus Norkus, Loreta Tamasauskaite Tamasiunaite, Daina Upskuviene

[Investigation of AuCeO<sub>2</sub>/C as electrocatalyst for alkaline fuel cells](#)

15:40 to 16:00

[Coffee Break](#)

*Chaired by: Petr Krtil and Gumaa El-Nagar*

16:00 to 16:30 Invited

**Avner Rothschild** (Materials Science and Engineering, Technion - Israel Institute of Technology, Haifa, Israel)

[The rust challenge: Iron oxide photoelectrodes for solar water splitting](#)

16:30 to 16:50

**Petr Krtil** (Low Dimension Systems, J. Heyrovsky Institute of Physical Chemistry, Prague, Czech Republic), Ivano Castelli, Ladislav Kavan, Monika Klusackova, Katerina Macounova, Roman Nebel, Jan Rossmesl

[Activity and Selectivity Control of the Photo-electrochemical Behavior of Nanoparticulate n-semiconductors Based on Ti Oxides](#)

16:50 to 17:10

**Quinn Campbell** (Materials Science and Engineering, The Pennsylvania State University, University Park, USA), Ismaila Dabo

[Charge separation at electrified semiconductor-solution interfaces](#)

17:10 to 17:30

**Herman Kriegel** (Institute of Materials Research, Helmholtz-Zentrum Geesthacht, Geesthacht, Germany), Iris Herrmann-Geppert, Thomas Klassen, Deirdre Olynick, Mauricio Schieda, Dmitriy Voronov

[Effect of Structuring Geometry on the Photocurrent of Experimental Model Photoelectrode Surfaces](#)

17:30 to 17:50

**Yu-Chien Chueh** (Chemical Engineering, National Cheng Kung University, Tainan, Taiwan), Chia-Yu Lin

[Nanocomposite of  \$\text{CuBi}\_2\text{O}\_4\$  and CuO as a highly efficient photocathode material for photoelectrochemical hydrogen evolution](#)

---

Fabrication and diagnosis processes including theoretical analyses and modeling

---

Room 2

*Chaired by: Yumi Yoshida and Shofu Matsuda*

14:00 to 14:20

**Nelson Stradiotto** (Institute of Chemistry, São Paulo State University (UNESP), Araraquara, Brazil), Daniel Rodrigues da Silva, José Luiz da Silva

[Electrooxidation of polyphenols at a glassy carbon electrode modified with electrochemically reduced graphene oxide and Fe nanoparticles](#)

14:20 to 14:40

**Barbara Jachimaska** (J. Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Krakow, Poland)

[Self-Assembling Behavior of Proteins: Effect of the Interaction between Protein and Surface](#)

14:40 to 15:00

**Eduardo Luís Trindade da Silva** (MagIC – Magnesium Innovation Centre, Helmholtz-Zentrum Geesthacht, Geesthacht, Germany), Filipe José Alves de Oliveira, Miguel Angelo Neto, Rui Ramos Ferreira e Silva, Mikhail Larionovich Zheludkevich

[Boron Doped Diamond Microelectrodes as Amperometric Sensors for Studying Localized Corrosion on Mg and Mg Alloys](#)

15:00 to 15:20

**Yumi Yoshida** (Faculty of Molecular Chemistry and Engineering, Kyoto Institute of Technology, Kyoto, Japan), Mao Fukuyama, Emi Kusakabe, Kohji Maeda, Yui Nakamura

[Potential Stability of the Partially Oxidized Conducting Polymer-coated Electrode in Organic Phase for Application to an Amperometric Device](#)

15:20 to 15:40

**Yasuo Yoshimi** (Department of Applied Chemistry, Shibaura Institute of Technology, Tokyo, Japan), Shunsuke Hayashi, Maki Seki, Rina Yamaguchi

[Oil-assisted gate effect of molecularly imprinted polymer grafted directly on graphite particles in a paste electrode](#)

15:40 to 16:00

Coffee Break

---

Materials engineering for sensing, electronic and photonic devices

---

Room 2

*Chaired by: Yasushi Hasebe and Nelson Stradiotto*

16:00 to 16:30 Invited

**Tomokazu Matsue** (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan)

[Nanoscale Electrochemical Imaging for Characterization of Functional Materials](#)

16:30 to 17:00 Invited

**Michael J. Schoening** (Institute of Nano- and Biotechnologies (INB), FH Aachen, Juelich, Germany), Julio Arreola, Zaid Jildeh, Michael Keusgen, Jan Oberlaender, Patrick Wagner

[MnO<sub>2</sub>-based thin-film sensors for harsh environmental conditions](#)

17:00 to 17:20

**Lin-Chi Chen** (Department of Bio-Industrial Mechatronics Engineering, National Taiwan University, Taipei, Taiwan), Yu-Fu Chen, Ching-Jung Yen

[Electrodeposition of Polyaniline with High Hydrophobicity and Pseudo-capacitance for Multiplex Solid-contact Ion Sensing](#)

17:20 to 17:40

**Kenta Iitani** (Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan), Takahiro Arakawa, Kohji Mitsubayashi, Koji Toma

[Gas-imaging System \(Sniff-cam\) using NADH-dependent Alcohol Dehydrogenase for Assessment of Alcohol Metabolism](#)

17:40 to 18:00

**Yasushi Hasebe** (Department of Life Science and Green Chemistry, Saitama Institute of Technology, Fukaya, Japan), Shin-ichi Seki, Yue Wang

[Amperometric flow-through biosensor for uric acid using enzyme-modified carbon-felt based on oxidase and peroxidase-bienzyme system](#)

---

Materials engineering for sensing, electronic and photonic devices

---

Room 3

*Chaired by: Masatoshi Sakairi and Takashi Yanagishita*

14:00 to 14:20

**Mareike Haensch** (Department of Chemistry, Carl von Ossietzky University Oldenburg, Oldenburg, Germany), Luis Balboa, Julian Behnken, Matthias Graf, Jörg Weismüller, Gunther Wittstock

[Nanoporous Gold - A Prototype for a Rational Design of Catalysts: Electrocatalysis and Transport](#)

14:20 to 14:40

**Takashi Yanagishita** (Department of Applied Chemistry, Tokyo Metropolitan University, Tokyo, Japan), Masahiko Imaizumi, Toshiaki Kondo, Hideki Masuda

[Preparation of Ordered Porous Alumina Spheres by Anodization of Small Al Particles](#)

14:40 to 15:00

**Shota Higashino** (Graduate School of Energy Science, Kyoto University, Kyoto, Japan), Tetsuji Hirato, Takumi Ikenoue, Masao Miyake

[Electrodeposition of Al-W Alloys and Surface Modification by Anodization](#)

15:00 to 15:20

**Masatoshi Sakairi** (Faculty of Engineering, Hokkaido University, Sapporo, Japan), Toshiyuki Matsumoto

[Fabrication of porous alumina filter by SF-MDC and etching](#)

15:20 to 15:40

**Dihia Benaoudia** (ITODYS, University Paris Diderot, Paris, France), Véronique Bennevault, Jalal Ghilane, Philippe Guégan, Jean-Christophe Lacroix, Jérôme Mathé, Fabien Montel

[Chemical nanopores modification for smart filters](#)

15:40 to 16:00

[Coffee Break](#)

*Chaired by: Ladislav Kavan and Chun-Yi Chen*

16:00 to 16:20

**Ladislav Kavan** (Electrochemical Materials, J. Heyrovsky Institute of Physical Chemistry, Prague, Czech Republic)

[Electrochemical Characterization of Semiconducting Oxide Thin Films for Energy Applications: Solar Cells, Fuels, Batteries and Beyond](#)

16:20 to 16:40

**Jan Macak** (Center of Materials and Nanotechnologies, University of Pardubice, Pardubice, Czech Republic), Milos Krbal, Jan Prikryl, Hanna Sopha, Raul Zazpe

[Anodic TiO<sub>2</sub> Nanotube Layers: Superior Photoelectrochemical Performance due to Secondary Materials](#)

16:40 to 17:00

**Giovanni Zangari** (Materials Science and Engineering, University of Virginia, Charlottesville, USA), Rasin Ahmed

[Growth of Bismuth Selenide by Electrodeposition and SILAR: Materials for Photovoltaic and Photoelectrochemistry](#)

17:00 to 17:20

**Maryam Borghei** (Bioproducts and Biosystems, Aalto University, Espoo, Finland)

[Biobased aerogels of different surface charge as electrolyte interface in a quantum dot-sensitized solar cell](#)

17:20 to 17:40

**Chun-Yi Chen** (Institute of Innovative Research, Tokyo Institute of Technology, Yokohama, Japan), Tso-Fu Mark Chang, Yi-Hsuan Chiu, Yung-Jung Hsu, Nobuhiro Matsushita, Mitsuo Niinomi, Kiyoshi Okada, Kazunari Ozasa, Masato Sone

[Anodization of Ti-Nb-Ta-Zr-O Mixed-oxides Nanotube Arrays: A Promising Alternative Photoelectrode for Solar Conversion](#)

# Wednesday 18 April 2018 - Morning

---

## Keynote

---

M. Ibuka Memorial Hall

*Chaired by: Giovanni Zangari*

### 09:30 to 10:10 Keynote

**Yue Kuo** (Thin Film Nano & Microelectronics Research Laboratory, Texas A&M University, College Station, USA), Noel Buckley

[Electrochemical Reactions in Solid State Device Fabrication – Current and Future](#)

---

## Materials engineering for energy devices: batteries & capacitors

---

M. Ibuka Memorial Hall

*Chaired by: Nathalie Herlin Boime and Kenji Kawaguchi*

### 10:10 to 10:30

**Nathalie Herlin Boime** (IRAMIS, CEA CNRS UMR NIMBE, Saclay, France), John P. Alper, Pierre Bernard, Marion Chandresris, Antoine Desrues, N. Dufour, Cedric Haon

[Interface Analysis of Si-based Anode in Li-ion Batteries through Electrochemical Impedance Spectroscopy and Equivalent Electrical Circuit Analysis](#)

### 10:30 to 10:50

**Fu-Ming Wang** (Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, Taiwan)

[An Alternative Solution of Internal Short and Safety Problems in Lithium Ion Battery](#)



10:50 to 11:10

**Marketa Zukalova** (Electrochemical Materials, J. Heyrovsky Institute of Physical Chemistry CAS, Prague, Czech Republic)

[Novel synthesis of nanocrystalline Na<sub>2</sub>Ti<sub>3</sub>O<sub>7</sub> with improved performance for Na-ion batteries](#)

11:10 to 11:30

[Coffee Break](#)

11:30 to 11:50

**Daniel Stock** (Institute of Physical Chemistry, Justus Liebig University Giessen, Giessen, Germany), Saustin Dongmo, Jürgen Janek, Daniel Schröder

[Keeping anions where they belong: Increased cycling stability of zinc anodes with homogeneous anion-exchange ionomer coating](#)

11:50 to 12:10

**Ghonchek Kasiri Bidhendi** (Energiespeicher- und Energiewandlersysteme, Universität Bremen, Bremen, Germany), Amir Bani Hashemi, Fabio La Mantia

[Synthesis and Characterization of New Improved Copper Hexacyanoferrate Nanoparticles for Zinc-Ion Batteries](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

Room 1

*Chaired by: Kenji Sakamaki and Piotr Zabinski*

10:10 to 10:30

**Kenji Sakamaki** (Department of Applied Chemistry and Biochemistry, Fukushima College, National Institute of Technology, Iwaki, Fukushima, Japan), Haruka Endo, Ryoko Kato, Honoka Matsuda, Wakana Sakashita, Masataka Sato, Sayuri Usui, Ayana Watanabe

[Photoelectrochemical Visible Light Zero Bias Hydrogen Generation with Membrane-Based Cells Designed for Decreasing Overall Water Electrolysis Voltage and Water Dissociation \(18\)](#)

10:30 to 10:50

**Roudabeh Valiollahi** (Department of Science and Technology, Linköping University, Norrköping, Sweden), Xavier Crispin, Amritpal Singh, Mikhail Vagin, Igor Zozoulenko

[Vapor Phase Polymerized PEDOT for Electrochemical Hydrogen Evolution Reaction](#)

11:10 to 11:30

[Coffee Break](#)

11:30 to 11:50

**Chuan Zhao** (School of Chemistry, UNSW, Sydney, Australia)

[Nanostructuring Earth Abundant Electrocatalysts for Water Splitting](#)

11:50 to 12:10

**Piotr Zabinski** (Faculty of Non-Ferrous Metals, AGH University of Science and Technology, Krakow, Poland), Iwona Dobosz, Karolina Kolczyk, Remigiusz Kowalik, Dawid Kutyla

[External Magnetic Field Assisted Electrodeposition of Co-Ru Nanorods for Water Splitting Reaction](#)

12:10 to 12:30

**Yan Shen** (Wuhan National Laboratory for Optoelectronics, Huazhong University of Science and Technology, Wuhan, China), Minglei Tao, Mingkui Wang, Xin Xiao

[Electronic Modulation of Transition Metal Phosphide \*via\* Doping as Efficient and pH-universal Electrocatalysts for Hydrogen Evolution Reaction](#)

---

Materials engineering for sensing, electronic and photonic devices

---

**Room 2**

*Chaired by: Takeo Hyodo and Bo Yao*

10:10 to 10:30

**Takeo Hyodo** (Graduate School of Engineering, Nagasaki University, Nagasaki, Japan), Kai Kamada, Yasuhiro Shimizu, Mari Takamori, Taro Ueda

[Potentiometric Carbon Monoxide Sensors Employing Anion-Conducting Polymer Electrolyte and Oxide-Based Sensing Electrodes](#)

10:30 to 10:50

**Deng Pan** (School of Medical, Southeast University, Nanjing, China), Yanfei Shen

[A Sandwiched Immunosensor for Highly Selective and Sensitive Detection of Alpha-fetoprotein by Using CdTe@SiO<sub>2</sub>/GO Electrochemiluminescence Probe](#)

10:50 to 11:10

**Chih-Yu Lai** (Bio-Industrial Mechatronics Engineering, National Taiwan University, Taipei, Taiwan), Lin-Chi Chen

[EIS Detection of MUC1 with Two Symmetric Aptamer/Au Electrodes](#)

11:10 to 11:30

[Coffee Break](#)

11:30 to 11:50

**Kosuke Ino** (Graduate School of Engineering, Tohoku University, Sendai, Japan), Mai Gakumasawa, Hitoshi Shiku, Mayuko Terauchi

[Electrodeposition of patterned hydrogels using an LSI-based electrochemical devices for biosensing and cell culture](#)

11:50 to 12:10

**Emmanuel Iwuoha** (Chemistry, SensorLab, University of Western Cape, Cape Town, South Africa), Usisipho Feleni, Laura Pacoste

[Patterns in the Nanoamperometry of Breast Cancer Drug Metabolism](#)

12:10 to 12:30

**Bo Yao** (Chemistry, Zhejiang University, Hangzh, China)

[Sensitive Gold Electrode Biosensors Fabricated on Plastic Substrate](#)

---

Development of micro to large scale reactors including process optimization and industrial applications

---

**Room 3**

*Chaired by: Woonsup Shin*

10:10 to 10:30

**Kangwoo Cho** (Division of Environmental Science and Engineering, Pohang University of Science and Technology, Pohang, Korea), Seok Won Hong, William Na

[Photoelectrochemical Reactor for Degradation of Organic Compounds and Disinfection Based on Self-doped TiO<sub>2</sub> Nanotubes](#)

10:30 to 10:50

**Mary Elizabeth Wagner** (Department of Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, USA), Antoine Allanore

[Electrochemistry of Precious Metals in Molten Sulfides](#)

10:50 to 11:10

**Jaromir Hnat** (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Karel Bouzek, Roman Kodym, Jakub Rutrle

[Laboratory Zero-gap Alkaline Water Electrolyzer Stack: Development, Optimization and Mathematical Modeling](#)

11:10 to 11:30

[Coffee Break](#)

11:30 to 11:50

**Geir Martin Haarberg** (Materials Science and Engineering, Norwegian University of Science and Technology, Trondheim, Norway), Babak Khalaghi, Ole Kjos, Tommy Mokkalbost

[Reducing CO<sub>2</sub> Emissions from Aluminium Electrolysis Cells by Supplying Porous Anodes with Methane](#)

11:50 to 12:10

**Ying-Hsuan Chen** (Interface Chemistry and Surface Engineering, Max-Planck-Institut fuer Eisenforschung GmbH, Dusseldorf, Germany), Andreas Erbe

[The multiple roles of an organic corrosion inhibitor on copper investigated by a combination of electrochemistry-coupled optical \*in situ\* spectroscopies](#)

12:10 to 12:30

**Woonsup Shin** (Chemistry, Sogang University, Seoul, Korea), Mijung Park

[Electrochemical CO<sub>2</sub> to formic acid process based on dental amalgam electrode](#)

# Wednesday 18 April 2018 - Afternoon

---

Materials engineering for energy devices: batteries & capacitors

---

M. Ibuka Memorial Hall

*Chaired by: Toshihiko Mandai and Alexandre Ponrouch*

14:00 to 14:20

**Kenji Kawaguchi** (Organization for Research Initiatives and Development, Doshisha University, Kyoto, Japan), Tsukasa Gejo, Masatsugu Morimitsu

[Polarization Behaviors and Cycle Performance of Air Electrode Using Water Repellent Film for Metal Hydride/Air Secondary Battery](#)

14:20 to 14:40

**Haoran Jiang** (Department of Mechanical and Aerospace Engineering, The Hong Kong University of Science and Technology, Hong Kong, China), Wei Shyy, Maochun Wu, Jianbo Xu, Lin Zeng, Tianshou Zhao

[Unraveling the Roles of Point Defects on Carbon Surfaces in Non-Aqueous Lithium-Oxygen Batteries](#)

14:40 to 15:00

**Tatsumi Ishihara** (Department of Applied Chemistry, Faculty of Engineering, Kyushu University, Fukuoka, Japan), Shintaro Ida, Yuiko Inoishi, Takayashi Miyano

[Mesoporous  \$\text{La}\_{0.6}\text{Ca}\_{0.4}\text{CoO}\_3\$  Perovskite Oxide for Oxygen Reduction and Oxygen Evolution Reaction for Reversible Zn-air Battery](#)

15:00 to 15:20

**Yi-Ting Lu** (Chemical Engineering, National Tsing-Hua University, Hsin-Chu, Taiwan), Chi-Chang Hu

[Enhanced Catalytic Performance of Ternary Spinel  \$\text{Fe}\_x\text{Ni}\_{1-x}\text{Co}\_2\text{O}\_4\$  / Activated Carbon Composite for the Air Cathode of Rechargeable Zinc-Air Batteries](#)

15:20 to 15:40

**Sviatlana Lamaka** (Department of Corrosion and Surface Technology, Magnesium Innovation Center, Helmholtz-Zentrum Geesthacht, Geesthacht, Germany)

[Electrolyte Additives for Improving Performance of Primary Mg-Air Batteries](#)

15:40 to 16:00

**Toshihiko Mandai** (Chemistry and Biological Sciences, Iwate University, Morioka, Japan), Mizuki Hatta, Tatsuya Takeguchi

[Novel Oxygen- and Chloride-free Magnesium Salt for Magnesium Rechargeable Batteries](#)

16:00 to 16:20

**Alexandre Ponrouch** (QES, ICMAB-CSIC, Bellaterra, Spain)

[Electrodeposition and Development of Mg and Ca Metal Anodes](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

**Room 1**

*Chaired by: Natasa Vasiljevic and Kensaku Nagasawa*

14:00 to 14:20

**Hiroshi Ito** (Research Institute for Energy Conservation, Natl Inst of Adv Ind Sci and Tech (AIST), Tsukuba, Japan), Natsuki Kawaguchi, Tetsuo Munakata, Akihiro Nakano, Satoshi Someya

[Pressurized Hydrogen Production with Anion Exchange Membrane Electrolysis](#)

14:20 to 14:40

**Natasa Vasiljevic** (School of Physics, H.H. Wills Physics Lab, University of Bristol, Tyndal, Bristol, United Kingdom)

[Exploiting Hydrogen-sorption for Deposition of Platinum on Palladium Films](#)

14:40 to 15:00

**Maria Valnice Boldrin Zanoni** (Analytical Chemistry, UNESP, Araraquara, Brazil)

[CO<sub>2</sub> Photoelectroreduction at TiO<sub>2</sub> Nanotubes Electrodes Decorated with Nanoparticle/Nanocubes Silver](#)

15:00 to 15:20

**Kensaku Nagasawa** (Institute of Advanced Sciences, Yokohama National University, Yokohama, Japan), Yuta Inami, Junpei Koike, Yoshiyuki Kuroda, Shigenori Mitsushima, Ichiro Yamanaka

[Electro-catalytic Performance in Toluene Hydrogenation Electrolyzer for Energy Carrier Synthesis](#)

15:20 to 15:40

**Stefan Ringe** (Department of Chemical Engineering, Stanford University, Stanford, USA), Karen Chan, Jens Nørskov

[Implications of Transport and pH-Effects on Electrocatalytic CO<sub>2</sub> Reduction](#)



15:40 to 16:00

**Dan Shan** (School of Environmental and Biological Engineering, Nanjing University of Science and Technology, Nanjing, China), Wen-Li Xin

[Two-dimensional porphyrin-based metal-organic frameworks: The enhanced electrocatalysis of CO<sub>2</sub> reduction in aqueous solution](#)

16:00 to 16:20

**Qingli Hao** (School of Chemical Engineering, Nanjing University of Science and Technology, Nanjing, China), Jiawei Fan, Wu Lei, Haitao Ye

[Novel Catalyst for Electroreduction of CO<sub>2</sub> to Ethanol](#)

---

Materials engineering for energy devices: batteries & capacitors

---

Room 2

*Chaired by: Ying-Chih Liao and Qiong Cai*

14:00 to 14:20

**Tatsuya Ando** (International Center of Materials Nanoarchitectonics, National Institute for Materials Science, Tsukuba, Japan), Toyohiro Chikyow

[Enhancement of Sensitivity and Accuracy of Aqua Droplet Detection](#)

14:20 to 14:40

**Ying-Chih Liao** (Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan), Bendix Ketelsen, Florian Schulz, Chun-Hao Su, Tobias Vossmeier, Mazlum Yesilmen

[Highly Responsive Humidity Sensor Based on Gold Nanoparticle via Inkjet Printing Technology](#)

14:40 to 15:00

**Lin Zeng** (HKUST Jockey Club Institute for Advanced Study, The Hong Kong University of Science and Technology, Hong Kong, China), Le Shi, Lei Wei, Jianbo Xu, Tianshou Zhao

[Unravelling the Role of Oxygen-containing Functional Groups for Vanadium Electrochemistry](#)

15:00 to 15:20

**Abdulmonem Fetyan** (Physical and Theoretical Chemistry, Freie Universität Berlin, Berlin, Germany), Igor Derr, Gumaa El-Nagar, Christina Roth

[A Neodymium Oxide Nanoparticle-Doped Carbon Felt as Promising Electrode for Vanadium Redox Flow Batteries](#)

15:20 to 15:40

**Qiong Cai** (Chemical and Process Engineering, University of Surrey, Guildford, United Kingdom)

[Electrode Design for Redox Flow Batteries by Using a Three-Dimensional Multiphase Lattice Boltzmann Model](#)

15:40 to 16:00

**Matthäa Verena Holland-Cunz** (Chemistry, Newcastle University, Newcastle upon Tyne, United Kingdom), Faye Cording, Robert Fleck, Jochen Friedl, Barbara Schrickler, Ulrich Stimming, Holger Wolfschmidt

[Asymmetric Polyoxometalate Electrolytes for Redox Flow Batteries](#)

16:00 to 16:20

**Marcus Worsley** (Physical and Life Sciences Directorate, Lawrence Livermore National Laboratory, Livermore, USA), Victor Beck, Juergen Biener, Swetha Chandrasekaran Chandrasekaran, Eric Duoss, Ryan Hensleigh, Anna Ivanovskaya, Yat Li, Tianyu Liu, Bryan Moran, Fang Qian, Yu Song, Michael Stadermann, Dan Tortorelli, Seth Watts, Todd Weisgraber, Bin Yao, Xiaoyu Zheng, Cheng Zhu

[3D Printing 2D Materials-Based Electrodes for Electrochemical Energy Storage and Conversion](#)

---

Materials engineering for sensing, electronic and photonic devices

---

Room 3

*Chaired by: Kangwoo Cho and Jaromir Hnat*

14:00 to 14:20

**Md Zaved H. Khan** (Chemistry and Chemical Engineering, Henan University, Kaifeng, China), Xiuhua Liu

[Synthesis of a Novel Reduced Graphene Oxide-copper-tin \(rGO-Cu-Sn\) hybrid nanocomposite with Enhanced Electrochemical Performance for Modified Electrode](#)

14:20 to 14:40

**Ken-ichi Fukui** (Materials Engineering Science, Graduate School Eng. Sci., Osaka University, Toyonaka, Japan), Ken-ichi Bando, Hiroo Miyamoto, Hiroaki Nato, Daijiro Okaue, Sakuroko Ono, Kouta Sakamoto, Taiki Sato, Jun Takeya, Ichiro Tanabe, Yasuyuki Yokota

[Correlation between the Interfacial Structure and Carrier Mobility for Electric Double Layer - Organic FET using Ionic Liquid](#)

14:40 to 15:00

**Przemyslaw Data** (Department of Physical Chemistry and Technology of Polymers, Silesian University of Technology, Gliwice, Poland), Heather Cole

[Electropolymerized Xanthone-Triarylamines for Used as TADF Emitters](#)

15:00 to 15:20

**Piret Pikma** (Institute of Chemistry, University of Tartu, Tartu, Estonia), Eric Borguet, Parisa Yasini

[Fabrication of Single Molecule Polycyclic Aromatic Hydrocarbon Switches at an Electrochemical Interface](#)

15:20 to 15:40

**Richard Beanland** (Department of Physics, University of Warwick, Coventry, United Kingdom), Philip Bartlett, Ruomeng Huang, Reza Kashtiban, Gabriela Kissling, Kees de Groot

[High-Density Ge<sub>2</sub>Sb<sub>2</sub>Te<sub>5</sub> Phase Change Memory by Electrodeposition](#)

15:40 to 16:00

**Gabriela Kissling** (Physics and Astronomy, University of Southampton, Southampton, United Kingdom), Mohsin Aziz, Philip Bartlett, Andrew Hector, Gabriela Kissling, Andrew Lodge, Gill Reid, Wenjian Zhang

[Electrodeposition of HgTe and related compounds from dichloromethane](#)

16:00 to 16:20

**Dongping Zhan** (Chemistry, Xiamen University, Xiamen, China), Lianhuan Han, Zhong-Qun Tian, Zhao-Wu Tian

[Electrochemical Micro/Nano-Machining on Semiconductor Wafers](#)



# Poster Presentations

**Session 1 on Monday** 11:10 to 12:40  
s1-001 to s1-043  
s5-001 to s5-004

**Session 2 on Tuesday** 12:40 to 14:00  
s2-001 to s2-031  
s3-001 to s3-001  
s4-001 to s4-013  
s5-005 to s5-006

**Session 3 on Wednesday** 12:40 to 14:00  
s3-002 to s3-048

---

**Materials engineering for energy devices: batteries & capacitors**

---

s1-001

**Po-Yu Chen** (Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan)

[Optimization of Alkali Ion-intercalated Manganese Oxide for Asymmetric Supercapacitors](#)

s1-002

**Jie Fang** (Department of Materials Science and Engineering, City University of Hong Kong, Hong Kong, China), Samson Ho-Sum Cheng, Chi Yuen Chung, Sasan Ghoshghaie, Hafiz Khurram Shahzad, Robin Lok-Wang Ma

[Electrochemical Impedance Spectroscopy Study of Lithium-Sulfur Batteries: Effects of Electrolyte/Sulfur Ratios](#)

s1-003

**Kensuke Fujiwara** (Graduate School of Engineering and Science, Shibaura Institute of Technology, Tokyo, Japan), Takahiro Ishizaki, Amane Kaneko, Hoonseung Lee

[Effect of Carbon-Based Cathode Materials on Charge-Discharge Performance of Aprotic Li-O<sub>2</sub> Battery](#)

s1-004

**Mathäa Verena Holland-Cunz** (Chemistry, Newcastle University, Newcastle upon Tyne, United Kingdom), Jochen Friedl, Ulrich Stimming

[Heterogeneous and Homogenous Catalysis in an All-Vanadium Flow Battery](#)

s1-005

**Jingting Huang** (Graduate Institute of Environmental Engineering, National Taiwan University, Taipei, Taiwan), Chia-Hung Hou

[Electrodeposited MnO<sub>2</sub>//Polyaniline on Electrospun Carbon Nanofibers for Asymmetric Electrochemical Capacitor in Water Desalination](#)

s1-006

**Shota Inoguchi** (Department of Materials Science and Engineering, Kyoto University, Kyoto, Japan), Kazuhiro Fukami, Shota Inoguchi, Atsushi Kitada, Kuniaki Murase

[HCP Metal Electrodeposition from Concentrated Aqueous Solution using a Hydrophobic Anion](#)

s1-007

**Heechan Jang** (Chemical Engineering, Tokyo Institute of Technology, Tokyo, Japan), Izumi Taniguchi

[Synthesis and Characterization of Carbon Modified Li<sub>2</sub>MnP<sub>2</sub>O<sub>7</sub>/C Composites Prepared by Spray Pyrolysis](#)

s1-008

**Heechan Jang** (Chemical Engineering, Tokyo Institute of Technology, Tokyo, Japan), Izumi Taniguchi

[Synthesis and Electrochemical Characterization of Transition Metal Doped  \$\text{Li}\_2\text{Fe}\_{0.975}\text{M}\_{0.025}\text{P}\_2\text{O}\_7/\text{C}\$  \(M=Co, Ni, or Cu\)](#)

s1-009

**Ade Julistian** (Chemical and Materials Engineering, National Chin-Yi University of Technology, Taichung, Taiwan), An-Ya Lo

[Hydrothermal Synthesis of Copper Oxide and Carbon Nanotube \(CuO/CNT\) Nanocomposite to Enhance Supercapacitor Electrodes Performance](#)

s1-010

**Amane Kaneko** (Department of Material Science and Engineering, Shibaura Institute of Technology, Tokyo, Japan), Takahiro Ishizaki, Hoonseung Lee, Camelia Miron, Yuta Wada

[Electrocatalytic Activity for Oxygen Reduction Reaction of Nitrogen-containing Carbon Composites Synthesized \*via\* Solution Plasma Process](#)

s1-011

**Kazuki Kitta** (Faculty of Science and Technology, Keio University, Yokohama, Japan), Hideto Imai, Yasushi Katayama, Tetsuo Nishida, Nobuyuki Serizawa, Naoki Tachikawa, Toshihiro Takekawa, Kazuki Yoshii

[Influences of Lithium Species and Additional Cesium Ion on the Morphology of Lithium Deposited in Ionic Liquid Electrolytes](#)

s1-012

**Shinji Kondo** (Department of Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan), Kaoru Dokko, Shoshi Terada, Kazuhide Ueno, Masayoshi Watanabe

[Effect of Divalent Cation in Highly Concentrated Aqueous Electrolytes for Li-Ion Batteries](#)

s1-013

**Na-Jung Kuo** (Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, Taiwan), Bing-Joe Hwang, Chun-Hong Kuo, Wei-Nien Su, Yi-Ying Tsai, Min-Hsin Yeh

[Novel approaches to Synthesize S-PAN/ \$\text{FeS}\_2\$  Electrocatalyst for Hydrogen Evolution Reaction](#)

s1-014

**Ya-Ru Li** (Chemical Engineering, Ming Chi University of Technology, New Taipei, Taiwan)

[\$\text{LiFePO}\_4/\text{C}\$  Composite Cathode Materials with Different Types of Graphene Oxides and its Performance](#)

s1-015

**Sheng Chi Lin** (Chemical Engineering, National Tsing-Hua University, Hsin-Chu, Taiwan), Chi-Chang Hu, Chen-Chi M. Ma

[Asymmetric supercapacitors based on electrospun carbon nanofiber/sodium-pre-intercalated manganese oxide electrodes with high power and energy densities](#)

s1-016

**Xiaoxia Liu** (Chemistry, Northeastern University, Shenyang, China), Xiang Cai, Yu Song

[Partial Exfoliation of Graphite and its Integration with Pseudocapacitive Materials for Supercapacitor](#)

s1-017

**Yuta Masuda** (Applied Chemistry, Waseda, Tokyo, Japan), Yasuhiro Fukunaka, Takayuki Homma, Tomohiro Otani

[Effect of electrolyte flow on the evolution of microsteps during zinc electrodeposition](#)

s1-018

**Hisayoshi Matsushima** (Faculty of Engineering, Hokkaido University, Sapporo City, Japan), Kei Nishikawa, Takaki Saitoh, Mikito Ueda

[Application of Holographic Interferometric Microscope for Cu<sup>2+</sup> Concentration Profile during Cu Electrodeposition in Magnetic Field](#)

s1-019

**Hiroki Nara** (Research Organization for Nano and Life Innovation, Waseda University, Tokyo, Japan), Seongki Ahn, Toshiyuki Momma, Tetsuya Osaka, Tokihiko Yokoshima

[Si-O-C powders with ultra-long cycle ability as anode materials in lithium ion batteries](#)

s1-020

**Fumihiko Nomura** (Department of Life and Materials Chemistry, Kanagawa University, Yokohama, Japan)

[Optimization of Calcination Temperature in Preparation of a High Capacity Li-rich Solid-Solution Li\[Li<sub>0.2</sub>Ni<sub>0.18</sub>Co<sub>0.03</sub>Mn<sub>0.58</sub>\]O<sub>2</sub> Material and its Cathode Performance in Lithium Ion Battery](#)

s1-021

**Ayano Ohama** (Chemistry, Ochanomizu University, Bunkyo-ku, Japan), Toshihiro Kondo, Asako Niida, Kumar Sai Smaran

[Pre-potential Cycling Effects of Lithium Deposition/Dissolution Processes Studied by Electrochemical Quartz Crystal Microbalance](#)



s1-022

**Yukihiro Okamoto** (Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan), Kaoru Dokko, Mahfuzul Hoque, Shoshi Terada, Kazuhide Ueno, Masayoshi Watanabe

[N-doped Carbons Directly Synthesized from Protic Salts for Sodium Secondary Battery](#)

s1-023

**Tomohiro Otani** (Department of Advanced Science and Engineering, Waseda University, Shinjuku, Japan), Yasuhiro Fukunaka, Takayuki Homma, Masato Nagata

[Influences of ZnO Formation on Morphological Evolution of Zn Negative Electrode](#)

s1-024

**Habin Park** (Department of Chemical Engineering, University of Seoul, Seoul, Korea), Jongwon Jung, Cheolsoo Jung, Sanghyeon Lee, Hansol Yong

[Highly Thermal Stable Acetonitrile based Gel Polymer Electrolyte for 3.0 V Supercapacitor](#)

s1-025

**Satoshi Saito** (Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan), Tatsuhiro Horii, Yumi Kobayashi, Hisashi Kokubo, Kazumoto Miwa, Shimpei Ono, Caihong Wang, Masayoshi Watanabe

[Effect of Photoisomerization Reaction in Electric Double Layer Transistor Using Photoresponsive Ionic Liquid](#)

s1-026

**Yuto Sato** (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan), Shinichi Komaba, Kei Kubota, Akichika Kumatani, Tomokazu Matsue, Hitoshi Shiku, Yasufumi Takahashi

[Local Cyclic Voltammogram Mapping on Silicon-Carbon Composite Negative Electrodes for Lithium-ion Batteries](#)

s1-027

**Keisuke Shigenobu** (Chemistry and Biochemistry, Yokohama National University, Yokohama, Japan), Kaoru Dokko, Azusa Nakanishi, Kazuhide Ueno, Masayoshi Watanabe

[Redox-Active Solvate Ionic Liquids with Halide/Polyhalide Redox Couples](#)

s1-028

**Masahiro Shimizu** (Materials Chemistry, Shinshu University, Nagano, Japan), Susumu Arai, Masaomi Horita, Ryosuke Yatsuzuka

[Electrochemical Preparation of Roughened Current Collectors and Their Application to Sn Negative Electrode for Na-ion Batteries](#)

s1-029

**Sven Stauss** (Inst. of Multidisciplinary Research for Advanced Materials, Tohoku University, Sendai, Japan), Itaru Honma, Naoki Tazawa

[Investigation of Biocompatible Electrode Materials for Powering Ingestible Electronic Medical Devices](#)

s1-030

**Ulrich Stimming** (Chemistry, Newcastle University, Newcastle upon Tyne, United Kingdom), Jochen Friedl

[The Double Layer Capacitance of Room Temperature Ionic Liquids and the Influence of Water](#)

s1-031

**Manami Takata** (Graduate School of Engineering, Hokkaido University, Hokkaido, Japan), Yoshitaka Aoki, Hiroki Habazaki, Cheong Kim, Chunyu Zhu

[Nitrogen-Doped Carbon with Hierarchical Porous Structure as Electrocatalyst for Oxygen Reduction Reaction](#)

s1-032

**Pemika Teabnamang** (Chemical Engineering, Chulalongkorn University, Bangkok, Thailand), Soraya Hosseini, Soorathep Kheawhom

[Solid Polymer Electrolyte for Flexible Secondary Zinc-Air Batteries](#)

s1-033

**Eika Tomizawa** (Chemistry, Ochanomizu University, Bunkyo-ku, Japan), Yuri Kondo, Toshihiro Kondo, Haruka Terasaki

[Photo-electrochemical Characteristics of Porphyrin Containing Metal Organic Frameworks on Solid Surfaces](#)

s1-034

**Takashi Tsuda** (Department of Materials and Life Chemistry, Kanagawa University, Yokohama, Japan), Nobuo Ando, Narumi Hayashi, Kaoru Itagaki, Futoshi Matsumoto, Naoto Mitsuhashi, Susumu Nakamura, Naohiko Soma, Toyokazu Tanabe

[Fabrication of Porous Electrodes with a Picosecond Pulsed Laser and Improvement of the Rate Performance of a Porous Graphite Anode,  \$\text{LiFePO}\_4\$  and  \$\text{LiFePO}\_4/\text{Activated Carbon}\$  Cathodes](#)

s1-035

**Yoshiharu Uchimoto** (Graduate School of Human and Environmental Studies, Kyoto University, Kyoto, Japan)

[Improvement of lithium ion transportation at interface between  \$\text{LiFePO}\_4\$  and electrolyte by surface-nitrided treatment](#)

s1-036

**Yosuke Ugata** (Department of Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan), Kaoru Dokko, Shoshi Terada, Kazuhide Ueno, Daiki Watanabe, Masayoshi Watanabe, Jingjun Zhang

[Highly Concentrated Mixed-Li Salt Electrolytes for High-Voltage Lithium-ion Batteries](#)

s1-037

**Koichi Ui** (Department of Frontier Materials and Function Engineering, Graduate School of Engineering, Iwate University, Morioka, Japan), Toshihiko Mandai, Yushi Sato, Tatsuya Takeguchi

[Analysis of Interface Behavior of Room-temperature Ionic Liquids / Air Electrodes in Lithium-Air Secondary Batteries](#)

s1-038

**Ronald Väli** (Institute of Chemistry, University of Tartu, Tartu, Estonia), Meelis Härmas, Riinu Härmas, Alar Jänes, Enn Lust, Tavo Romann, Thomas Thomberg

[How Sodium Storage Depends on Hard Carbon Structure?](#)

s1-039

**Jeng-An Wang** (Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan)

[Establishing ionic tunnels with WPU-PAAK GPE in electrode materials for supercapacitor](#)

s1-040

**Masato Yanagi** (Department of Chemistry and Biotechnology, Yokohama National University, Yokohama, Japan), Ayumi Ando, Kaoru Dokko, Yoshiharu Matsumae, Azusa Nakanishi, Kenzo Obata, Kazuhide Ueno, Masayoshi Watanabe

[Effect of Glyme/Li Salt Molar Ratios on Charge-Discharge Behavior of High Sulfur Loading Lithium-Sulfur Batteries](#)

s1-041

**Tien-Yu Yi** (Chemical Engineering, National Tsinghua University, Hsinchu, Taiwan), Chi-Chang Hu

[Graphene Electrodes Modification with an Elastic Structure by Partially Neutralized Acrylic Acid-Based Copolymer for Organic Supercapacitors](#)

s1-042

**Risa Yoshioka** (Chemistry, Ochanomizu University, Bunkyo-ku, Japan), Toshihiro Kondo, Sayumi Sakai

[Structural Study of Pt Ultra-thin Film on Ni Substrate Surface Prepared by Galvanic Replacement](#)

s1-043

**Ting-Hsuan You** (Department of Chemical Engineering, National Tsing-Hua University, Hsinchu, Taiwan), Chi-Chang Hu

[Designing binary Ru-Sn oxides with optimized performances for the air electrode of rechargeable zinc-air batteries.](#)

---

Materials engineering for energy devices: fuel cells & energy carriers

---

s2-001

**Fuma Ando** (Department of Materials and Life Chemistry, Kanagawa University, Yokohama, Japan)

[Relationship between d-band Center of Dealloyed PtPb Ordered Intermetallic Nanoparticle Deposited on TiO<sub>2</sub>/ Cup-Stacked Carbon Nanotube and ORR Activity in Acidic Aqueous Media](#)

s2-002

**Kornelija Antanaviciute** (Department of Catalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Arnas Naujokaitis, Eugenijus Norkus, Zita Sukackiene, Lukas Sumskas, Loreta Tamasiunaite, Tamasiunaite, Jurate Vaiciuniene

[Investigation of Hydrogen Generation on Cobalt-Manganese-Boron and Cobalt-Iron-Boron Catalysts from Borohydride Solution](#)

s2-003

**Kornelija Antanaviciute** (Department of Catalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Aldona Balciunaite, Arnas Naujokaitis, Eugenijus Norkus, Zita Sukackiene, Loreta Tamasiunaite, Tamasiunaite, Jurate Vaiciuniene

[Investigation of Electrochemical Activity of Cobalt-Manganese-Boron Catalysts Towards Ethanol and Borohydride Oxidation](#)

s2-004

**Gyeong Sook Bang** (School of Electrical Engineering, KAIST, Daejeon, Korea), Sung-Yool Choi

[Electrochemical characterization of solution-processed TMD thin films.](#)

s2-005

**Wan-Ting Chiu** (Materials Science and Engineering, Tokyo Institute of Technology, Yokohama, Japan), Tso-Fu Mark Chang, Chun-Yi Chen, Tomoko Hashimoto, Hiromichi Kurosu, Masato Sone

[Co-deposition of Ni-P and P25 on Silk Textile by Supercritical CO<sub>2</sub> Promoted Electroless Plating for Flexible Photocatalyst Applications](#)

s2-006

**Tyler Enright** (Physics, McGill University, Montreal, Canada), Connor Aiken, Peter Grutter, Aaron Mascaro, Yoichi Miyahara

[Design of Combined Scanning Ion Conductance and Atomic Force Microscope Investigation of Lithium Iron Phosphate](#)

s2-007

**Atsushi Fukazawa** (Graduate School of Environment and Information Sciences, Yokohama National University, Yokohama, Japan), Mahito Atobe, Yoshimasa Matsumura, Shigenori Mitsumura, Kensaku Nagasawa, Ken Takano

[Electrocatalytic Hydrogenation of Toluene in a PEM Reactor: Influence of Catalyst Materials on the Process](#)

s2-008

**Ren-Hau Guo** (Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan), Chi-Chang Hu

[Dependence of surface adsorption status on electrode potentials for electrocatalytic reduction of CO<sub>2</sub> on Pd nanoparticles](#)

s2-009

**Jaromir Hnat** (Department of Inorganic Technology, University of Chemistry and Technology Prague, Prague, Czech Republic), Karel Bouzek, Monika Drakselova, Michaela Plevova, Jan Zitka

[Catalyst Coated Membrane for Efficient Alkaline Water Electrolysis](#)

s2-010

**Teppei Kawamoto** (Fuel Cell Nanomaterials Center, University of Yamanashi, Kofu-Shi, Japan), Makoto Aoki, Junji Inukai, Taro Kimura, Takako Mizusawa, Norifumi Yamada

[Distribution of Water inside Thin Nafion Film Analyzed by Neutron Reflectivity](#)

s2-011

**Virginija Kepeniene** (Department of Catalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Eugenijus Norkus, Algirdas Selskis, Loreta Tamasauskaite Tamasiunaite, Daina Upskuviene

[Carbon-Supported Gold Catalysts for Ethanol Oxidation Reaction](#)

s2-012

**Hoyoung Kim** (School of Integrative Engineering, Chung-Ang University, Seoul, Korea), Dong-Kwon Kim, Soo-Kil Kim, Seonhwa Oh, Hyanjoo Park

[Highly Porous Non-precious Cathode Catalysts for Proton Exchange Membrane Water Electrolyzer](#)

s2-013

**Cheong Kim** (Graduate School of Chemical Sciences and Engineering, Hokkaido University, Sapporo, Japan), Yoshitaka Aoki, Hiroki Habazaki, Chunyu Zhu

[Nitrogen-containing Porous Carbon Electrocatalyst for Efficient Oxygen Reduction Reaction](#)

s2-014

**Ryo Kobayashi** (Fuel Cell Nanomaterials Center, University of Yamanashi, Kofu, Japan), Akihiro Iiyama, Kakinuma Katsuyoshi, Makoto Uchida

[Influence of Ionomer Content on Cell Performance and Load Cycle Durability of Membrane-Electrode Assemblies Using Pt/Nb-SnO<sub>2</sub> Cathode Catalyst Layers](#)

s2-015

**Gen Kojo** (Department of Environment Systems, The University of Tokyo, Kashiwa, Japan), Yoshio Matsuzaki, Junichiro Otomo, Hiroshi Tadokoro

[Evaluation of Anode-Supported Solid Oxide Fuel Cells using Lanthanum Tungstate as a Proton-Conducting Solid Electrolyte Membrane](#)

s2-016

**Tomoaki Kumeda** (Graduate School of Engineering, Chiba University, Chiba, Japan), Nagahiro Hoshi, Masashi Nakamura

[Interfacial Structure of Hydrophobic Cations Activating Oxygen Reduction Reaction on Pt\(111\) Electrode](#)

s2-017

**Dawid Kutyla** (Department of Physical Chemistry and Metallurgy, AGH University of Science and Technology in Kraków, Krakow, Poland), Karolina Kolczyk, Remigiusz Kowalik, Anna Kwiecinska, Piotr Zabinski

[Electrodeposition of Ni-Ru Alloys from Chloride Solutions - Morphology and Catalytic Study](#)

s2-018

**Yanyu Liang** (College of Materials Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing, China)

[Controllable Construction of Core-Shell Polymer@Zeolitic Imidazolate Frameworks Fiber Derived Heteroatom-doped Carbon Nanofiber Network for Efficient Oxygen Electrocatalysis](#)

s2-019

**Kuan-Hua Liao** (Chemical and Materials Engineering, National Chin-Yi University of Technology, Taichung, Taiwan), Jing-Shan Do, Ming-Liao Tsai

[Glucose-oxygen Biofuel Cell Based on Anodizing Mesoporous Carbon as Support for Immobilizing Enzymes](#)

s2-020

**Andrew Lin** (Department of Chemical and Materials Engineering, Chang Gung University, Taoyuan, Taiwan), Hsin-Wen Huang

[Electro-catalysts used in Direct Ammonia Fuel Cell](#)

s2-021

**Momoka Nagamine** (Chemistry, Adelphi University, Garden City, USA), Pawel Kryszinski, Magdalena Osial, Justyna Widera-Kalinowska

[Synthesis, Photocatalytic Properties and Langmuir-Blodgett Film Photoelectrochemical Behavior of CdS and CdSe Nanoparticles of Hydrophilic or Hydrophobic Organic Shell](#)

s2-022

**Kanji Otsuji** (Fuel Cell Nanomaterials Center, University of Yamanashi, Kofu, Japan), Kenji Miyatake, Manai Shimada, Makoto Uchida, Naoki Yokota, Natsumi Yoshimura

[Performance Evaluation of Anion Exchange Membrane Fuel Cells Using Hydrocarbon Polymer Electrolytes](#)

s2-023

**Hyanjoo Park** (School of Integrative Engineering, Chung-Ang University, Seoul, Korea), Hoyoung Kim, Dong-Kwon Kim, Soo-Kil Kim, Seonhwa Oh

[Electrodeposited Pt Alloy Cathode Catalysts for High Temperature PEMFC](#)

s2-024

**Ryo Shimizu** (Interdisciplinary Graduate School of Engineering, University of Yamanashi, Kofu, Japan), Alexander Eychmüller, Sebastian Henning, Juan Herranz, Katsuyoshi Kakinuma, Laura Kühn, Thomas Schmidt, Makoto Uchida

[Evaluation of Unsupported Pt<sub>3</sub>Ni Aerogels as PEFC Anode Catalysts under Hydrogen Starvation Conditions](#)

s2-025

**Miyu Shimura** (Graduate School of Environmental Studies, Tohoku University, Sendai, Japan), Hiroki Ida, Akichika Kumatani, Tomokazu Matsue, Chiho Miura, Takeru Okada, Seiji Samukawa, Hitoshi Shiku, Ysufumi Takahashi

[Nanoscale Electrochemical Imaging of Redox Activities on Metallic and Semiconducting Single-Walled Carbon Nanotubes](#)

s2-026

**Zita Sukackiene** (Department of Calalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Arnas Naujokaitis, Eugenijus Norkus, Loreta Tamasauskaite Tamasiunaite, Jurate Vaiciuniene

[Investigation of Hydrogen Generation from Borohydride Solution on Noble-Metal-Free Cobalt Catalysts](#)

s2-027

**Zita Sukackiene** (Department of Calalysis, Center for Physical Sciences and Technology, Vilnius, Lithuania), Kornelija Antanaviciute, Aldona Balciunaite, Arnas Naujokaitis, Eugenijus Norkus, Loreta Tamasauskaite Tamasiunaite, Jurate Vaiciuniene

[Cobalt-Boron-Iron/Copper Catalysts for Low-Temperature Fuel Cells](#)

s2-028

**Yumi Wang** (Chemistry, Chungbuk National University, Cheongju, Korea), Jongwon Kim

[Effect of Nanoporous Structure and Ir Modification on Electrocatalytic Oxygen Evolution Reaction](#)

s2-029

**Yu-Ching Weng** (Department of Chemical Engineering, Feng Chia University, Taichung, Taiwan), Ke-Jih Ciou

[Screening of Indium Cadmium Sulfur-based Photocatalysts and Characterization of Efficient Photocatalysts](#)

s2-030

**Naohito Yamada** (Graduate School of Chemical Sciences and Engineering, Hokkaido University, Sapporo, Japan), Yoshitaka Aoki, Hiroki Habazaki, Damian Kowalski, Yuki Sato, Chunyu Zhu

[Improved dispersion of  \$\text{Co}\_3\text{O}\_4\$  nanoparticles on platelet carbon nanofibers for oxygen reduction reaction](#)

s2-031

**Naoki Yoshihara** (Department of Chemical Engineering, Fukuoka University, Fukuoka, Japan), Masaru Noda, Hiroki Saito

[Electrochemical Reduction Reaction of Carbon Dioxide on the Exfoliated Single-Crystal Copper Membranes](#)



---

**Materials engineering for sensing, electronic and photonic devices**

---

s3-001

**Fethi Bedioui** (Unite de Technologies Chimiques et Biologiques pour la Sante, Chimie ParisTech-PSL Research University/CNRS, Paris, France), Helene Bertrand, Vincent Ching, Marc Fontecave, Sophie Griveau, Regis Guillot, Naomi Perugio Holland, Clotilde Policar, Cyrine Slim, Xia Wang

[Rhenium Complexes Based on 2-Pyridyl-1,2,3-Triazole Ligands: a New Class of CO<sub>2</sub> Reduction Catalysts](#)

s3-002

**Sana Ben Jadi** (Chemistry, Faculty of Sciences - Ibn Zohr University, Agadir, Maroc), Zaynab Aouzal, El Arbi Bazzaoui, Mohammed Bazzaoui, Mimouna Bouabdallaoui, Abdelqader El Guerraf, Abdelhadi El Jaouhari, Rongguang Wang

[Non-Polluting Process for Plastic Metallization](#)

s3-003

**Maria Valnice Boldrin Zanoni** (Analytical Chemistry, UNESP, Araraquara, Brazil)

[Electrochemically Gating of Low Molecular Weight Analytes through Self-Doped TiO<sub>2</sub> Nanotubes](#)

s3-004

**Po-Yu Chen** (Medicinal and Applied Chemistry, Kaohsiung Medical University, Kaohsiung, Taiwan), Yi-An Shao

[Voltammetric Study and Electrodeposition of Copper with Electrocatalytic Activity to Nitrate Reduction from a Hydrophobic Brønsted Acidic Amide-Type Ionic Liquid Using Copper Oxides as the Copper Source](#)

s3-005

**Jou Hsuan Chu** (Bio-Industrial Mechatronics Engineering, National Taiwan University, Taipei, Taiwan), Lin-Chi Chen

[Functionalized Conducting Polymer Electrodes for Cardiac Troponin I Aptasensor Fabrication](#)

s3-006

**Loanda R. Cumba** (School of Chemical Sciences, Dublin City University, Dublin, Ireland), Craig Banks, Robert Forster

[Mechanical Activation by Polishment of Screen-Printed Electrodes](#)

s3-007

**Przemyslaw Data** (Department of Physical Chemistry and Technology of Polymers, Silesian University of Technology, Gliwice, Poland), Piotr Pander, Marharyta Vasylieva

[Electrochemical and Spectroelectrochemical Analysis of Pyridine Derivatives as Materials for Optoelectronic Applications](#)

s3-008

**Asuka Hayashi** (Applied Chemistry, Waseda University, Tokyo, Japan), Takayuki Homma, Masahiro Kunimoto, Yuta Sato, Masahiro Yanagisawa

[Development of Silica Microlens Array Sensor for \*in situ\* SERS Analysis of Electrode Reaction Processes](#)

s3-009

**Li-Cheng Ho** (Bio-Industrial Mechatronics Engineering, National Taiwan University, Taipei, Taiwan), Lin-Chi Chen, Chi-Han Lu

[Effects of Anion Doping on the Surface Hydrophobicity and Pseudo-capacitance of a Poly\(3,4-ethylenedioxythiophene\) Solid Contact](#)

s3-010

**Jong-In Hong** (Department of Chemistry, Seoul National University, Seoul, Korea)

[Electrochemiluminescent Chemodosimetric Sensors for Selective Detection of Homocysteine](#)

s3-011

**Huan-Ping Jhong** (Department of Chemical Science and Technology, Tokushima University, Tokushima, Japan), Wei-Hung Chiang, Yusuke Fuchiwaki, Toshihiko Harada, Shunsuke Isoai, Masashi Kurashina, Masahiro Uchimaru, Chen-Hao Wang, Mikito Yasuzawa

[Immobilization of Nanocarbons and Glucose Oxidase by Electrodeposition Method for Glucose Sensor Fabrication](#)

s3-012

**Mana Kambe** (Department of Applied Chemistry, Waseda University, Tokyo, Japan), Shogo Hashimoto, Takayuki Homma, Siggı Wodarz, Giovanni Zangari

[Analysis of Electrodeposition Process of L1<sub>0</sub>-Ordered FePtCu Nanodot Arrays](#)

s3-013

**Yuka Kashimata** (Applied Chemistry, Waseda University, Tokyo, Japan), Takayuki Homma, Masahiro Kunimoto, Yuta Sato, Masahiro Yanagisawa

[Fabrication of plasmon sensor with Ag@TiO<sub>2</sub> core-shell nanoparticles for surface-enhanced Raman scattering](#)

s3-014

**Chang Su Kim** (Advanced Functional Thin Films Department, Korea Institute of Materials Science, Changwon, Korea)

[Silver nanowire based flexible electrodes with improved optical properties](#)

s3-015

**Karolina Kolczyk** (Faculty of Non-Ferrous Metals, University of Science and Technology, Krakow, Poland), Remigiusz Kowalik, Dawid Kutyla, Anna Kwiecinska, Piotr Zabinski, Wojciech Zborowski

[Metallization of 3D prints by magnetic coatings in electroless and electro-deposition processes](#)

s3-016

**Masato Komoda** (Department of Pure and Applied Chemistry, Faculty of Science, Tokyo University of Science, Noda, Japan), Yoshinao Hoshi, Masayuki Itagaki, Isao Shitanda

[Fabrication of Fully Screen-printed Reference Electrode using Silica Gel Inks](#)

s3-017

**Kohei Kumagai** (Engineering, Osaka University, Osaka, Japan)

[Developments of novel semiconductor nanoparticles stabilized with metal-organic frameworks \(MOFs\)](#)

s3-018

**Shigeki Kuroiwa** (Research Organization for Nano and Life Innovation, Waseda University, Tokyo, Japan), Sho Hideshima, Katsunori Horii, Naoto Kaneko, Hiroataka Minagawa, Toshiyuki Momma, Takuya Nakanishi, Keishi Ohashi, Tetsuya Osaka, Ryota Takibuchi, Iwao Waga

[Detection of Mental Stress Biomarker by Aptamer-Immobilized Field-Effect Transistor Sensor](#)

s3-019

**Hsin-Yi Lee** (Scientific Research Division, National Synchrotron Radiation Research Center, Hsinchu, Taiwan), Jenh-Yih Juang, Man-Ling Lin

[High mobility transparent conductive Al-doped ZnO thin films grown by atomic layer deposition](#)

s3-020

**Kwan Hyi Lee** (Center for Biomaterials, KIST, Seoul, Korea), Jungmok Seo, Tae Wha Seong

[Electrochemical Sensing of Cathepsin L Activity via H3-functionalized Biosensor](#)

s3-021

**Nai-Chang Lo** (Department of Chemistry, National Cheng Kung University, Tainan, Taiwan), I.-Wen Sun

[One-Pot Fabrication of Nanoporous Pd-Au \*via\* Electrochemical Alloying/Dealloying in Chlorozincate Ionic Liquid](#)

s3-022

**Ko-Ichiro Miyamoto** (Department of Electronic Engineering, Tohoku University, Sendai, Japan), Daisuke Suzuki, Shigeyasu Uno, Carl Frederik Werner, Yuhki Yanase, Tatsuo Yoshinobu

[Visualization of the barrier function of an epithelial cell layer by chemical imaging sensor and its future application](#)

s3-023

**Tadashi Mori** (Dept Applied Chemistry, School of Advanced Engineering, Kogakuin University, Nakano, Hachioji, Japan), Hidetaka Asoh, Hideki Hashimoto

[Formation of Porous Alumina Films by DC-Bipolar Anodization](#)

s3-024

**Yusuke Muramatsu** (Department of Applied Chemistry, Kogakuin University, Nakano, Hachioji, Japan), Hidetaka Asoh, Hideki Hashimoto

[Influence of Electrolysis Conditions on Anodic Exfoliation of Graphite in Sulfuric Acid](#)

s3-025

**Asep Sugih Nugraha** (Nanoscience and Nanoengineering, Waseda University, Tokyo, Japan), Toru Asahi, Yusuke Yamauchi

[Electrochemical Synthesis of Mesoporous Gold-Copper Alloy Films with Vertical Mesochannels](#)

s3-026

**Aditya Febry Nurpratama** (Chemical and Materials Engineering, National Chin-Yi University of Technology, Taichung, Taiwan), Jing-Shan Do, Ming-Liao Tsai

[Highly Sensitive Amperometric Formaldehyde Gas Sensor Based on Na-fion®/Pt/Au/Al<sub>2</sub>O<sub>3</sub> Electrode: Optimizing Electrode Preparation](#)

s3-027

**Yusuke Onabuta** (Department of Applied Chemistry, Waseda University, Tokyo, Japan), Takayuki Homma, Masahiro Kunimoto, Hiromi Nakai

[First-Principles Study of Reaction Mechanism of Reducing Agents on Ni and Cu in Electroless Deposition Processes](#)

s3-028

**Hao-Jen Pai** (School of Engineering, Tohoku University, Sendai, Japan),  
Kosuke Ino, Takehiro Onodera, Hitoshi Shiku

[Respiration Assay of Co-culture Cell Spheroid Using an LSI-based Electrochemical Device](#)

s3-029

**Sandra Pluczyk** (Department of Physical Chemistry and Technology of Polymers, Silesian University of Technology, Gliwice, Poland), Przemyslaw Data, Heather Higginbotham, Satoshi Minakata, Youhei Takeda

[Electrochemical and Spectroelectrochemical Properties of Phosphorus-Containing Organic Materials](#)

s3-030

**Hiroyuki Saito** (Mechanical Engineering, Tokyo Denki University, Tokyo, Japan)

[Measurement of Tin Oxide Thickness with Sequential Electrochemical Reduction Analysis](#)

s3-031

**Junji Sasano** (Department of Mechanical Engineering, Toyohashi University of Technology, Toyohashi, Japan), Masanobu Izaki, Yuya Kojima, Kentaro Nishiyama, Takuya Sakai, Seiji Yokoyama

[Anodic Electrodeposition of Tungsten Oxide Hydrate Films from Tungstate-Citrate Complex Solutions](#)

s3-032

**Michael J. Schoening** (Institute of Nano- and Biotechnologies (INB), FH Aachen, Juelich, Germany), Melanie Jablonski, Claudia Koch, Arshak Poghossian, Christina Wege

[TMV nanoparticles as enzyme carriers for biosensor applications](#)

s3-033

**Minji Seo** (Department of Chemistry, Chungbuk National University, Cheongju, Korea), Jongwon Kim

[Determination of As\(III\) at Nanoporous Gold Electrode by Square Wave Voltammetry](#)

s3-034

**Yanyan Song** (Department of Chemistry, Northeastern University, Shenyang, China), Zhida Gao, Xiaoxia Jian, Yongfang Qu

[Au@g-C<sub>3</sub>N<sub>4</sub> Decorated TiO<sub>2</sub> Nanotube Arrays: Visible-Light Triggered Photoelectrochemical Platforms for H<sub>2</sub>O<sub>2</sub> Sensing](#)

s3-035

**Misaki Sugie** (Applied Chemistry, Waseda University, Tokyo, Japan),  
Takayuki Homma, Mikiko Saito, Hidefumi Takahashi, Ichiro Terasaki

[Effect of Metal Additives on Electrodeposited Bi-Sb-Te Films for Micro Thermoelectric Devices](#)

s3-036

**Chia-Liang Sun** (Department of Chemical and Materials Engineering, Chang Gung University, Taoyuan, Taiwan), Chia-Heng Kuo, Cheng-Hsuan Lin

[Synthesis of Graphene Oxide Nanoribbons and Their Photoelectrochemical Measurements](#)

s3-037

**Yuichi Takasaka** (Department of Chemical Engineering and Materials Science, University of Hyogo, Himeji, Japan), Ryo Fujii, Naoki Fukumuro, Kotaro Higashi, Ayumu Matsumoto, Susumu Sakamoto, Shinji Yae

[Effects of Atomic Diffusion on Electroless Ni-P Film/Epitaxial Gold Nanoparticles/Silicon Wafer Interface](#)

s3-038

**Jeerakit Thangphatthanarungruang** (Chemistry, Srinakharinwirot University, Bangkok, Thailand), Chuleekorn Chotsuwan, Rawiwan Laocharoensuk, Aroonsri Ngamaroonchote, Weena Siangproh

[A Novel Graphene/Nafion Screen-Printed Electrode for the Simultaneous Determination of Fat-Soluble Vitamins by Square-Wave Voltammetry](#)

s3-039

**Priscila Valverde Armas** (Chemical and Process Engineering, University of Strathclyde, Glasgow, United Kingdom), Todd Green, Sudipta Roy

[Effect of Water on Cu Electrodeposition from a Water-containing Deep Eutectic Solvent](#)

s3-040

**Torsten Wagner** (Institute of Nano- and Biotechnologies, FH Aachen, Juelich, Germany), Michael J. Schoening, Patrick Wagner, Rene Welden

[Fabrication and evaluation of light-addressable electrodes for the integration in lab-on-a-chip systems](#)

s3-041

**Guang-Ren Wang** (Materials Science and Engineering, National Chiao Tung University, Hsinchu, Taiwan), Pei-Sung Hung

[Three-Dimensional Ordered Macro/Meso Porous Composite Materials in Electrode Array Configuration for Gas Sensing Applications](#)

s3-042

**Mengyun Wang** (Electronic Engineering, Tohoku University, Sendai, Japan), Koichiro Miyamoto, Hoang Anh Truong, Carl Frederik Werner, Tatsuo Yoshinobu

[Gas-Imaging Sensor Based on Metal Oxide and Field Effect Structure](#)

s3-043

**Yu-Ching Weng** (Department of Chemical Engineering, Feng Chia University, Taichung, Taiwan), Wei Peng

[Bimetallic Pt-based Sensor for Oxygen Detection](#)

s3-044

**Fu-Ren Xiao** (Department of Chemical Engineering, National Taiwan University, Taipei, Taiwan), Ying-Chih Liao, Chun-Hao Su

[Porous Nanocomposite for Highly Sensitive Pressure Sensor](#)

s3-045

**Ying-Fang Xu** (Chemical and Materials Engineering, National Chin-Yi University of Technology, Taichung, Taiwan), Jing-shan Do, Ming-Liao Tsai

[Solid-state Planar Amperometric CO Gas Sensor Based on Nafion®/Porous Pd/Au\(Sputtering\)/Al<sub>2</sub>O<sub>3</sub>](#)

s3-046

**Jia-De Yan** (Department of Bio-Industrial Mechatronics Engineering, National Chung Hsing University, Taichung, Taiwan), Yu-Fen Kuo, Ching-Chou Wu

[Development of Third Generation Glucose Biosensors Based on Organic Metal Particles of \*in Situ\* Synthesis](#)

s3-047

**Tetsuya Yasuda** (Applied Chemistry, Waseda University, Tokyo, Japan), Takayuki Homma, Masahiro Kunimoto, Futa Yamaguchi, Masahiro Yanagisawa

[\*In-situ\* analysis for interaction of additives for electrodeposition in through silicon \*via\* using surface enhanced Raman scattering](#)

s3-048

**Koichiro Yoshitoku** (Applied Chemistry, Waseda, Tokyo, Japan), Takayuki Homma, Hinako Matsuo, Mikiko Saito, Hidefumi Takahashi, Ichiro Terasaki

[Morphology Control of Electrodeposited ZnO Patterns for Micro Thermoelectric Devices](#)

---

Fabrication and diagnosis processes including theoretical analyses and modeling

---

s4-001

**Chun-Hsien Chen** (Department of Chemistry, National Taiwan University, Taipei, Taiwan), Ching-Hwa Ho, Er-Chien Horng, Han Hsiao, Hsu-Fu Hsu, Wei-Ling Hua, Chih-Hsun Lin, Geng-Min Lin, Tsai-Hui Wang, Wei-Chen Yen

[Electrochemical Mapping of Transmission Spectra for Electron Transporting through Single-Molecule Junctions](#)

s4-002

**Yu-Sheng Chuang** (Department of Bio-Industrial Mechatronics Engineering, National Chung Hsing University, Taichung, Taiwan), Ching-Chou Wu, Hao-Yu Yen

[Electrochemical Impedance Spectroscopy for Detection of Single Nucleotide Polymorphism by Using S1 Nuclease](#)

s4-003

**Ronggui Du** (Department of Chemistry, Xiamen University, Xiamen, China), Zichao Guan, Haipeng Wang, Xia Wang

[Fabrication of Ag/SnO<sub>2</sub>/TiO<sub>2</sub> Nanotube Films for Photoelectrochemical Cathodic Protection of Stainless Steel](#)

s4-004

**Ken Hashigata** (Materials Science and Engineering, Tokyo Institute of Technology, Yokohama, Japan), Tso-Fu Mark Chang, Chun-Yi Chen, Toshifumi Konishi, Katsuyuki Machida, Kazuya Masu, Masato Sone, Haochun Tang, Daisuke Yamane

[Electroplating of Gold on Titanium Substrate: Method to Deposit Defect-Free Film](#)

s4-005

**Takeshi Kinoshita** (Department of Chemical Engineering and Materials Science, University of Hyogo, Himeji, Japan), Naoki Fukumuro, Ayumu Matsumoto, Shinji Yae, Ayano Yokoyama

[Analysis of Hydrogen Adsorption and Incorporation during Electrodeposition of Platinum Films](#)

s4-006

**Mikiko Saito** (Research Organization for Nano and Life Innovation, Waseda University, Tokyo, Japan), Hidemichi Fujiwara, Takayuki Homma, Tomohiro Ishii

[Effect of Supporting Electrolyte on Electrochemical Production of Cu Nanoparticles](#)



s4-007

**Tomoya Sasaki** (Graduate School of Engineering, Osaka University, Suita-shi, Yamadaoka, Japan), Susumu Kuwabata, Tsukasa Torimoto, Tetsuya Tsuda, Taro Uematsu

[Real-time observation of Au nanoparticles formation process using ionic liquid-sputtering method](#)

s4-008

**Yuta Suzuki** (Science of Environment and Mathematical Modeling, Doshisha University, Kyotanabe, Japan), Yasuhiro Fukunaka, Takuya Goto, Yoshihide Sakanaka

[Electrodeposition of Li at Propylene Carbonate / Ga\(l\) Interface](#)

s4-009

**Irina Svir** (Chemistry, Ecole Normale Supérieure, Paris, France), Christian Amatore, Alexander Oleinick

[Two Important Examples of Accurate Simulation of Complex Electrochemical Problems by KISSA-software](#)

s4-010

**Haochun Tang** (Innovative Institute of Research, Tokyo Institute of Technology, Yokohama, Japan), Tso-Fu Mark Chang, Chun-Yi Chen, Toshifumi Konishi, Katsuyuki Machida, Kazuya Masu, Masato Sone, Daisuke Yamane

[Pulse Current Electrodeposition of Ultrahigh Strength Nanocrystalline Au-Cu Alloys](#)

s4-011

**Kohei Watanabe** (Graduate School of Engineering and Science, Shibaura Institute of Technology, Tokyo, Japan)

[Corrosion Resistance of Boehmite Based Films Prepared on Al-Mg-Si Alloy by Steam Coating](#)

s4-012

**Carl Frederik Werner** (Department of Electronic Engineering, Tohoku University, Sendai, Japan), Koichiro Miyamoto, Michael J. Schöning, Torsten Wagner, Tatsuo Yoshinobu

[Effect of light intensity towards the signal of a light-addressable potentiometric sensor](#)

s4-013

**Takahiro Yamamoto** (Materials Science and Engineering, Tokyo Institute of Technology, Yokohama, Japan), Tso-Fu Mark Chang, Chun-Yi Chen, Toshifumi Konishi, Katsuyuki Machida, Kazuya Masu, Masato Sone, Daisuke Yamane

[Effects of Current Density on Mechanical Properties of Electroplated Nickel with High Speed Sulfamate Bath](#)

---

Development of micro to large scale reactors including process optimization and industrial applications

---

s5-001

**Daisuke Baba** (School of Advanced Science and Engineering, Tsukuba, Japan), Toru Asahi, Yusuke Yamauchi

[Electrochemical Synthesis of Mesoporous Nickel Films by Using Polymeric Micelles](#)

s5-002

**Kangwoo Cho** (Division of Environmental Science and Engineering, Pohang University of Science and Technology, Pohang, Korea), Chong Min Chung, Kazuo Yamamoto

[Fouling Behavior of Electrooxidation-membrane Bioreactor \(EO-MBR\) Coupled with Non-woven Fabric prefiltration](#)

s5-003

**Yuki Maeda** (Department of Materials Science and Engineering, Kyoto University, Kyoto, Japan), Kazuhiro Fukami, Tatsuya Hinoki, Atsushi Kitada, Sosuke Kondo, Kuniaki Murase

[Corrosion Behavior of 3C-SiC with Irradiation-Induced Defects](#)

s5-004

**Yutaro Norikawa** (Institute of Advanced Energy, Kyoto University, Uji, Japan), Tomoyuki Awazu, Masatoshi Majima, Toshiyuki Nohira, Koma Numata, Kouji Yasuda

[Electrodeposition of Ti Films in Water-Soluble KF-KCl Molten Salt](#)

s5-005

**Risako Tanii** (Faculty of Engineering, Hokkaido University, Sapporo, Japan), Hisayoshi Matsushima, Ryota Ogawa, Mikito Ueda

[Measurement of Deuterium Isotope Separation Factor By Combined Electrolysis Fuel Cell](#)

s5-006

**Jiachao Yao** (College of Environment, Zhejiang University of Technology, Hangzhou, China), Jiade Wang

[Simultaneous Removal of COD and Total Nitrogen for Wastewater Treatment Using Electrochemical Method](#)



# Index

---

## A

- Abe, Takeshi, (*Tue s4*)12:20  
Accogli, Alessandra, (*Mon s1*)12:40  
Ahmed, Rasin, (*Tue s3*)16:40  
Ahn, Heejoon, (*Mon s1*)15:10  
Ahn, Seongki, *s1-019*  
Ahn, Suhyun, (*Mon s1*)15:10  
Aiken, Connor, *s2-006*  
Alesker, Masha, (*Mon s4*)18:20  
Aleveque, Olivier, (*Tue s3*)12:00  
Alkire, Richard, (*Mon 00*)09:50  
Allanore, Antoine, (*Mon s4*)17:00, (*Wed s5*)10:30  
Alper, John P., (*Wed s1*)10:10  
Alves de Oliveira, Filipe José, (*Tue s4*)14:40  
Amatore, Christian, (*Tue s4*)11:40, *s4-009*  
Amaya, Kenji, (*Mon s4*)17:40  
Anderson, Erik, (*Tue s4*)12:20  
Ando, Ayumi, *s1-040*  
Ando, Fuma, *s2-001*  
Ando, Nobuo, *s1-034*  
Ando, Tatsuya, (*Wed s3*)14:00  
Antanaviciute, Kornelija, *s2-002*, *s2-003*, *s2-027*  
Antanaviciute, Kornelija  
Aoki, Makoto, (*Mon s2*)14:30, *s2-010*  
Aoki, Yoshitaka, *s1-031*, (*Mon s2*)17:40, *s2-013*, *s2-030*  
Aouzal, Zaynab, (*Tue s2*)15:00, *s3-002*  
Arai, Susumu, *s1-028*  
Arakawa, Takahiro, (*Tue s3*)17:20  
Arao, Masazumi, (*Mon s2*)16:40  
Arreola, Julio, (*Tue s3*)16:30  
Asahi, Toru, *s3-025*, *s5-001*  
Asoh, Hidetaka, *s3-023*, *s3-024*  
Assavapanumat, Sunpet, (*Tue s3*)11:40  
Atobe, Mahito, *s2-007*  
Awazu, Tomoyuki, *s5-004*  
Aziz, Mohsin, (*Wed s3*)15:40

## B

- Baba, Daisuke, *s5-001*  
Bakos, Istvan, (*Mon s4*)18:20  
Balboa, Luis, (*Tue s3*)14:00  
Balcuinaite, Aldona, *s2-003*, *s2-027*  
Bandarenka, Aliaksandr, (*Mon s2*)14:50, (*Mon s2*)15:50  
Bando, Ken-Ichi, (*Wed s3*)14:20  
Bang, Gyeong Sook, *s2-004*  
Bani Hashemi, Amir, (*Wed s1*)11:50  
Banks, Craig, *s3-006*  
Bartlett, Philip, (*Wed s3*)15:20, (*Wed s3*)15:40  
Bazzaoui, El Arbi, (*Tue s2*)15:00, *s3-002*  
Bazzaoui, Mohammed, (*Tue s2*)15:00, *s3-002*  
Beanland, Richard, (*Mon s3*)16:20, (*Wed s3*)15:20  
Beck, Victor, (*Wed s1*)16:00  
Bedioui, Fethi, *s3-001*  
Behnken, Julian, (*Tue s3*)14:00  
Bélanger, Daniel, (*Tue s1*)11:40  
Ben Jadi, Sana, (*Tue s2*)15:00, *s3-002*  
Benaoudia, Dihia, (*Tue s3*)15:20  
Bendikov, Tatyana, (*Mon s3*)14:50  
Bennevault, Véronique, (*Tue s3*)15:20  
Bernard, Pierre, (*Wed s1*)10:10  
Bertrand, Helene, *s3-001*  
Bienen, Fabian, (*Tue s2*)11:40  
Biener, Juergen, (*Wed s1*)16:00  
Bkhach, Sihame, (*Tue s3*)12:00  
Bloch, Didier, (*Mon s1*)13:50  
Bobnar, Jernej, (*Mon s1*)13:10  
Boldrin Zanoni, Maria Valnice, (*Wed s2*)14:40, *s3-003*  
Borghesi, Maryam, (*Tue s3*)17:00  
Borguet, Eric, (*Wed s3*)15:00  
Bouabdallaoui, Mimouna, (*Tue s2*)15:00, *s3-002*  
Bouffier, Laurent, (*Mon s3*)14:30  
Boulineau, Adrien, (*Mon s1*)13:50  
Bourbon, Carole, (*Mon s1*)13:50  
Bouzek, Karel, (*Tue s2*)11:10, (*Wed s5*)10:50, *s2-009*  
Bresser, Dominic, (*Mon s1*)12:40  
Breton, Tony, (*Mon s3*)13:10  
Brunns, Michael, (*Tue s2*)12:00  
Buckley, Noel, (*Wed*)09:30

Budanovic, Maja, (*Mon s3*)13:30  
 Bund, Andreas, (*Mon s1*)14:50  
 Burlaka, Luba, (*Mon s4*)18:20  
 Bystron, Tomas, (*Tue s2*)11:10

## C

Cai, Qiong, (*Wed s1*)15:20  
 Cai, Xiang, *s1-016*  
 Caldwell, Andrew, (*Mon s4*)17:00  
 Calle-Vallejo, Federico, (*Mon s2*)14:50  
 Campbell, Quinn, (*Tue s2*)16:50  
 Castaño, Juan Guillermo, (*Tue s1*)14:40  
 Castelli, Ivano, (*Tue s2*)16:30  
 Cesbron, Marius, (*Mon s3*)13:10  
 Chan, Karen, (*Wed s2*)15:20  
 Chan, Po-Fan, (*Mon s3*)15:50  
 Chandesris, Marion, (*Wed s1*)10:10  
 Chandrasekaran, Swetha Chandrasekaran,  
 (*Wed s1*)16:00  
 Chang, I.-Hsuan, (*Mon s3*)15:50  
 Chang, Shih-Cheng, (*Mon s3*)15:50  
 Chang, Tso-Fu Mark, (*Mon s4*)17:20, (*Tue s3*)17:20, *s2-005, s4-004, s4-010, s4-013*  
 Chen, Chun-hsien, *s4-001*  
 Chen, Chun-Yi, (*Mon s4*)17:20, (*Tue s3*)17:20, *s2-005, s4-004, s4-010, s4-013*  
 Chen, Lin-Chi, (*Tue s3*)17:00, (*Wed s3*)10:50, *s3-005, s3-009*  
 Chen, Po-Yu, *s1-001, s3-004*  
 Chen, Xingxing, (*Mon s2*)18:00  
 Chen, Yi-Yung, (*Mon s3*)15:50  
 Chen, Ying-Hsuan, (*Wed s5*)11:50  
 Chen, Yu-Fu, (*Tue s3*)17:00  
 Cheng, Samson Ho-Sum, (*Tue s1*)17:20, *s1-002*  
 Chi, Yu-Wen, (*Mon s1*)14:30  
 Chiang, Wei-Hung, *s3-011*  
 Chiku, Masanobu, (*Tue s2*)14:20  
 Chikyow, Toyohiro, (*Wed s3*)14:00  
 Ching, Vincent, *s3-001*  
 Chiu, Wan-Ting, *s2-005*  
 Chiu, Yi-Hsuan, (*Mon s4*)17:20, (*Tue s3*)17:20  
 Cho, Kangwoo, (*Wed s5*)10:10, *s5-002*  
 Choi, Sung-Yool, *s2-004*  
 Chopart, Jean Paul, (*Mon s4*)18:00  
 Chotsuwan, Chuleekorn, *s3-038*  
 Chou, Shih-Cheng, (*Mon s2*)17:00

Chu, Jou Hsuan, *s3-005*  
 Chuang, Yu-Sheng, *s4-002*  
 Chung, Chong Min, *s5-002*  
 Chung, Jonathan Chi-Yuen, (*Tue s1*)17:20,  
 (*Tue s2*)17:30, *s1-002*  
 Ciou, Ke-Jih, *s2-029*  
 Cole, Heather, (*Wed s3*)14:40  
 Colin, Jean-François, (*Mon s1*)13:50  
 Cording, Faye, (*Wed s1*)15:40  
 Coustan, Laura, (*Tue s1*)11:40  
 Cremers, Carsten, (*Tue s2*)12:00  
 Crispin, Xavier, (*Wed s2*)10:30  
 Cumba, Loanda R., *s3-006*

## D

da Silva, Daniel Rodrigues, (*Tue s4*)14:00  
 da Silva, José Luiz, (*Tue s4*)14:00  
 Dabo, Ismaila, (*Mon s1*)14:10, (*Tue s2*)16:50  
 Data, Przemyslaw, (*Wed s3*)14:40, *s3-007, s3-029*  
 de Groot, Kees, (*Mon s3*)16:20, (*Wed s3*)15:20  
 Dedryvère, Rémi, (*Mon s1*)13:10  
 Derr, Igor, (*Wed s1*)15:00  
 Desrués, Antoine, (*Wed s1*)10:10  
 Do, Jing-Shan, *s2-019, s3-026, s3-045*  
 Dobeles, Galina, (*Mon s2*)18:20  
 Dobosz, Iwona, (*Wed s2*)11:50  
 Dokko, Kaoru, *s1-012, s1-022, s1-027, s1-036, s1-040*  
 Dominko, Robert, (*Mon s1*)13:10  
 Dongmo, Saustin, (*Wed s1*)11:30  
 dos Santos Sardinha, Eduardo, (*Tue s1*)14:20  
 Dow, Wei-Ping, (*Mon s3*)15:50  
 Drakselova, Monika, *s2-009*  
 Du, Ronggui, *s4-003*  
 Dufour, N., (*Wed s1*)10:10  
 Dunn, Bruce, (*Mon s1*)12:40  
 Duoss, Eric, (*Wed s1*)16:00

## E

Echeverría, Félix, (*Tue s1*)14:40  
 El Guerraf, Abdelqader, (*Tue s2*)15:00, *s3-002*  
 El Jaouhari, Abdelhadi, (*Tue s2*)15:00, *s3-002*

El-Nagar, Gumaa, (*Tue s2*)14:00, (*Wed s1*)15:00

Endo, Haruka, (*Wed s2*)10:10

Enright, Tyler, *s2-006*

Erbe, Andreas, (*Wed s5*)11:50

Eychmüller, Alexander, *s2-024*

## F

Fabre, Frederic, (*Mon s1*)13:50

Fan, Jiawei, (*Wed s2*)16:00

Fang, Jie, (*Tue s1*)17:20, *s1-002*

Feldman, Yishay, (*Mon s3*)14:50

Feleni, Usisipho, (*Wed s4*)11:50

Feng, Zhange, (*Tue s4*)11:10

Ferreira e Silva, Rui Ramos, (*Tue s4*)14:40

Ferreira, Mario, (*Tue s3*)11:10

Fetyan, Abdulmonem, (*Wed s1*)15:00

Fic, Krzysztof, (*Mon s1*)13:50

Fleck, Robert, (*Wed s1*)15:40

Fontecave, Marc, *s3-001*

Forster, Robert, *s3-006*

Frackowiak, Elzbieta, (*Mon s1*)13:50

Friedl, Jochen, (*Wed s1*)15:40, *s1-004*,  
*s1-030*

Friedrich, K. Andreas, (*Tue s2*)11:40

Fuchiwaki, Yusuke, *s3-011*

Fujii, Ryo, *s3-037*

Fujiwara, Hidemichi, *s4-006*

Fujiwara, Kensuke, *s1-003*

Fukai, Yuh, (*Mon s4*)18:20

Fukami, Kazuhiro, (*Tue s4*)12:20, *s1-006*,  
*s5-003*

Fukazawa, Atsushi, *s2-007*

Fukui, Ken-ichi, (*Wed s3*)14:20

Fukumuro, Naoki, (*Mon s4*)18:20, *s3-037*,  
*s4-005*

Fukunaka, Yasuhiro, *s1-017*, *s1-023*, *s4-008*

Fukuyama, Mao, (*Tue s4*)15:00

## G

Gakumasawa, Mai, (*Wed s3*)11:30

Gan, Lu, (*Mon s2*)17:20

Ganesan, Pandian, (*Mon s2*)15:50

Gao, Zhida, *s3-034*

Gautier, Christelle, (*Mon s3*)13:10, (*Tue s3*)12:00

Gavalierova, Katarina, (*Tue s1*)17:40

Gejo, Tsukasa, (*Wed s1*)14:00

Genorio, Bostjan, (*Mon s1*)13:10

Georgescu, Nicholas, (*Tue s4*)11:10

Ghashghaie, Sasan, (*Tue s1*)17:20, *s1-002*

Ghilane, Jalal, (*Tue s3*)15:20

Gomez Villa, Eduardo Daniel, (*Tue s2*)12:00

Gómez-Romero, Pedro, (*Tue s1*)17:40

Gorbatovski, Georg, (*Tue s4*)12:20

Goto, Takuya, *s4-008*

Graf, Matthias, (*Tue s3*)14:00

Green, Todd, (*Mon s3*)15:10, *s3-039*

Griveau, Sophie, *s3-001*

Grueter, Peter, *s2-006*

Guan, Zichao, *s4-003*

Guégan, Philippe, (*Tue s3*)15:20

Guillot, Regis, *s3-001*

Guo, Ren-Hau, *s2-008*

## H

Haarberg, Geir Martin, (*Wed s5*)11:30

Habazaki, Hiroki, (*Mon s2*)17:40, *s1-031*,  
*s2-013*, *s2-030*

Haensch, Mareike, (*Tue s3*)14:00

Härmas, Meelis, *s1-038*

Härmas, Riinu, *s1-038*

Halilovic, Dzeneta, (*Mon s3*)13:30

Han, Lianhuan, (*Wed s3*)16:00

Han, Qi, (*Tue s4*)11:10

Hang, Ruomeng, (*Mon s3*)16:20

Hao, Qingli, (*Wed s2*)16:00

Haon, Cedric, (*Wed s1*)10:10

Harada, Toshihiko, *s3-011*

Haruyama, Jun, (*Tue s1*)16:20

Hasebe, Yasushi, (*Tue s3*)17:40

Hashigata, Ken, *s4-004*

Hashimoto, Hideki, *s3-023*, *s3-024*

Hashimoto, Shogo, *s3-012*

Hashimoto, Tomoko, *s2-005*

Hatakeyama, Yoshikiyo, (*Mon s1*)15:50

Hatta, Mizuki, (*Wed s1*)15:40

Hayase, Masanori, (*Mon s2*)18:00

Hayashi, Asuka, *s3-008*

Hayashi, Narumi, *s1-034*

Hayashi, Shunsuke, (*Tue s4*)15:20

Hector, Andrew, (*Mon s3*)16:20, (*Wed s3*)15:40

Henning, Sebastian, *s2-024*

Hensleigh, Ryan, (*Wed s1*)16:00

Herlin Boime, Nathalie, (*Wed s1*)10:10

Herranz, Juan, *s2-024*  
 Herrmann-Geppert, Iris, (*Tue s2*)17:10  
 Hideshima, Sho, *s3-018*  
 Higai, Shin'ichi, (*Mon s1*)14:10  
 Higashi, Kotaro, *s3-037*  
 Higashino, Shota, (*Tue s3*)14:40  
 Higginbotham, Heather, *s3-029*  
 Higuchi, Eiji, (*Tue s2*)14:20  
 Hihara, Takehiko, (*Tue s1*)15:00  
 Hinoki, Tatsuya, *s5-003*  
 Hirato, Tetsuji, (*Tue s3*)14:40  
 Hiratsuka, Naoki, (*Tue s2*)14:20  
 Hnat, Jaromir, (*Wed s5*)10:50, *s2-009*  
 Ho, Ching-Hwa, *s4-001*  
 Ho, Li-Cheng, *s3-009*  
 Holland-Cunz, Matthäa Verena, *s1-004*,  
 (*Wed s1*)15:40  
 Homma, Takayuki, *s1-017*, *s1-023*, *s3-008*,  
*s3-012*, *s3-013*, *s3-027*, *s3-035*, *s3-047*,  
*s3-048*, *s4-006*  
 Hong, Jong-In, *s3-010*  
 Hong, Seok Won, (*Wed s5*)10:10  
 Honma, Itaru, *s1-029*  
 Hoque, Mahfuzul, *s1-022*  
 Horii, Katsunori, *s3-018*  
 Horii, Tatsuhiro, *s1-025*  
 Horike, Satoshi, (*Mon s2*)15:10  
 Horita, Masaomi, *s1-028*  
 Horng, Er-Chien, *s4-001*  
 Hoshi, Nagahiro, *s2-016*  
 Hoshi, Yoshinao, *s3-016*  
 Hosseini, Soraya, *s1-032*  
 Hou, Chia-Hung, *s1-005*  
 Hsiao, Han, *s4-001*  
 Hsu, Da-Je, (*Mon s1*)14:30  
 Hsu, Hsu-Fu, *s4-001*  
 Hsu, Yung-Jung, (*Mon s4*)17:20, (*Tue*  
*s3*)17:20  
 Hu, Chi-Chang, (*Mon s1*)14:30, (*Mon*  
*s3*)16:40, (*Wed s1*)15:00, *s1-015*, *s1-041*,  
*s1-043*, *s2-008*  
 Hua, Wei-Ling, *s4-001*  
 Huang, Hsin-Wen, *s2-020*  
 Huang, Jingting, *s1-005*  
 Huang, Kun-Ping, (*Mon s1*)14:30  
 Huang, Ruomeng, (*Wed s3*)15:20  
 Huang, Xinning, (*Mon s2*)18:00

Hung, Pei-Sung, *s3-041*  
 Hwang, Bing-Joe, *s1-013*  
 Hyodo, Takeo, (*Wed s3*)10:10

**I**  
 Ida, Hiroki, (*Mon s2*)16:20, *s2-025*  
 Ida, Shintaro, (*Wed s1*)14:40  
 Ihsan, Neil, (*Tue s1*)15:20  
 Itani, Kenta, (*Tue s3*)17:20  
 Iiyama, Akihiro, (*Mon s2*)16:40, *s2-014*  
 Ikenoue, Takumi, (*Tue s3*)14:40  
 Ikeshoji, Tamio, (*Tue s1*)16:20  
 Imai, Hideto, (*Mon s2*)16:40, (*Mon*  
*s2*)16:40, *s1-011*  
 Imaizumi, Masahiko, (*Tue s3*)14:20  
 Inami, Yuta, (*Wed s2*)15:00  
 Ino, Kosuke, (*Wed s3*)11:30, *s3-028*  
 Inoguchi, Shota, *s1-006*, *s1-006*  
 Inoishi, Yuiko, (*Wed s1*)14:40  
 Inoue, Hiroshi, (*Tue s2*)14:20  
 Inukai, Junji, (*Mon s2*)14:30, (*Mon*  
*s2*)16:40, *s2-010*  
 Ishihara, Akimitsu, (*Mon s2*)16:40  
 Ishihara, Tatsumi, (*Wed s1*)14:40  
 Ishii, Tomohiro, *s4-006*  
 Ishii, Tsubasa, (*Mon s4*)17:40  
 Ishikawa, Masashi, (*Tue s1*)16:40  
 Ishizaki, Takahiro, *s1-003*, *s1-010*  
 Isoai, Shunsuke, *s3-011*  
 Itagaki, Kaoru, *s1-034*  
 Itagaki, Masayuki, *s3-016*  
 Ito, Hiroshi, (*Wed s2*)14:00  
 Ivanovskaya, Anna, (*Wed s1*)16:00  
 Iwuoha, Emmanuel, (*Wed s4*)11:50  
 Izaki, Masanobu, *s3-031*

**J**  
 Jablonski, Melanie, *s3-032*  
 Jachimska, Barbara, (*Tue s4*)14:20  
 Jänes, Alar, *s1-038*  
 Janek, Jürgen, (*Wed s1*)11:30  
 Jang, Heechan, *s1-007*, *s1-008*  
 Jeong, Youngjin, (*Mon s1*)15:10  
 Jhong, Huan-Ping, *s3-011*  
 Jia, Qingying, (*Mon s4*)18:20  
 Jian, Xiaoxia, *s3-034*  
 Jiang, Haoran, (*Wed s1*)14:20  
 Jildeh, Zaid, (*Tue s3*)16:30



Juang, Jenh-Yih, *s3-019*  
 Julistian, Ade, *s1-009*  
 Jung, Cheolsoo, *s1-024*  
 Jung, Jongwon, *s1-024*  
 Jurzinsky, Tilman, *(Tue s2)12:00*

## K

Kaare, Katlin, *(Mon s2)18:20*  
 Kakinuma, Katsuyoshi, *s2-024*  
 Kamada, Kai, *(Wed s3)10:10*  
 Kambe, Mana, *s3-012*  
 Kanamura, Kiyoshi, *(Mon s1)13:30*  
 Kaneko, Amane, *s1-003, s1-010*  
 Kaneko, Naoto, *s3-018*  
 Kapun, Gregor, *(Mon s1)13:10*  
 Kasamatsu, Shunsuke, *(Mon s2)16:40*  
 Kashimata, Yuka, *s3-013*  
 Kashtiban, Reza, *(Mon s3)16:20, (Wed s3)15:20*  
 Kasiri Bihendi, Ghoncheh, *(Wed s1)11:50*  
 Katayama, Yasushi, *s1-011*  
 Kato, Ryoko, *(Wed s2)10:10*  
 Katsuyoshi, Kakinuma, *s2-014*  
 Kavan, Ladislav, *(Tue s3)16:00, (Tue s2)16:30*  
 Kawaguchi, Kenji, *(Wed s1)14:00*  
 Kawaguchi, Natsuki, *(Wed s2)14:00*  
 Kawakami, Nobuhiro, *(Tue s1)15:00*  
 Kawamoto, Teppei, *(Mon s2)14:30, s2-010*  
 Keilbart, Nathan, *(Mon s1)14:10*  
 Kepeniene, Virginija, *(Mon s2)14:50, (Tue s2)15:20, s2-011*  
 Ketelsen, Bendix, *(Wed s3)14:20*  
 Keusgen, Michael, *(Tue s3)16:30*  
 Khalaghi, Babak, *(Wed s5)11:30*  
 Khan, Md Zaved H., *(Wed s3)14:00*  
 Kheawhom, Soorathep, *s1-032*  
 Khurram, Hafiz Khurram, *s1-002*  
 Kim, Chang Su, *s3-014*  
 Kim, Cheong, *s1-031, s2-013*  
 Kim, Dong-Kwon, *s2-012, s2-023*  
 Kim, Hasuck, *(Mon s2)15:50*  
 Kim, Hee-Tak, *(Tue s2)14:40*  
 Kim, Hoyoung, *s2-012, s2-023*  
 Kim, Jongwon, *s2-028, s3-033*  
 Kim, Soo-Kil, *s2-012, s2-023*  
 Kimura, Taro, *s2-010*  
 Kinoshita, Takeshi, *s4-005*

Kissling, Gabriela, *(Wed s3)15:20, (Wed s3)15:40*  
 Kitada, Atsushi, *s1-006, (Tue s4)12:20, s5-003*  
 Kitagawa, Susumu, *(Mon s2)15:10*  
 Kitta, Kazuki, *s1-011*  
 Kjos, Ole, *(Wed s5)11:30*  
 Klassen, Thomas, *(Tue s2)17:10*  
 Klemm, Elias, *(Tue s2)11:40*  
 Klusackova, Monika, *(Tue s2)16:30*  
 Kobayashi, Ryo, *s2-014*  
 Kobayashi, Shun, *(Mon s2)14:30, (Mon s2)16:40*  
 Kobayashi, Yumi, *s1-025*  
 Koch, Claudia, *s3-032*  
 Kodym, Roman, *(Wed s5)10:50*  
 Koike, Junpei, *(Wed s2)15:00*  
 Kojima, Yuya, *s3-031*  
 Kojo, Gen, *s2-015*  
 Kokubo, Hisashi, *s1-025*  
 Kolanowski, Lukasz, *(Mon s1)14:50*  
 Kolczyk, Karolina, *(Mon s4)17:40, (Wed s2)11:50, s2-017, s3-015*  
 Komaba, Shinichi, *s1-026*  
 Komoda, Masato, *s3-016*  
 Konakawa, Kotaro, *(Tue s1)15:20*  
 Kondo, Shinji, *s1-012*  
 Kondo, Sosuke, *s5-003*  
 Kondo, Toshiaki, *(Tue s3)14:20*  
 Kondo, Toshihiro, *s1-021, s1-033, s1-042, (Mon s2)14:30, (Mon s2)16:40*  
 Kondo, Yuri, *s1-033*  
 Konishi, Toshifumi, *s4-004, s4-010, s4-013*  
 Konno, Yoshiki, *(Mon s2)16:20*  
 Kopljar, Dennis, *(Tue s2)11:40*  
 Kosaka, Fumihiko, *(Tue s2)12:20*  
 Kowalik, Remigiusz, *(Mon s4)17:40, (Wed s2)11:50, s2-017, s3-015*  
 Kowalski, Damian, *(Mon s2)17:40, s2-030*  
 Koyama, Akira, *(Tue s4)12:20*  
 Krbal, Milos, *(Tue s3)16:20*  
 Kriegel, Herman, *(Tue s2)17:10*  
 Krtil, Petr, *(Tue s2)16:30*  
 Kruusenberg, Ivar, *(Mon s2)18:20*  
 Kryszynski, Pawel, *s2-021*  
 Kubota, Kei, *s1-026*  
 Kühn, Laura, *s2-024*

- Kuhn, Alexander, (*Mon s3*)14:30, (*Tue s3*)11:40  
 Kumagai, Kohei, *s3-017*  
 Kumatani, Akichika, (*Mon s2*)16:20, *s1-026*, *s2-025*  
 Kumeda, Tomoaki, *s2-016*  
 Kunimoto, Masahiro, *s3-008*, *s3-013*, *s3-027*, *s3-047*  
 Kuo, Chia-Heng, *s3-036*  
 Kuo, Chun-Hong, *s1-013*  
 Kuo, Na-Jung, *s1-013*  
 Kuo, Yu-Fen, *s3-046*  
 Kuo, Yue, (*Wed*)09:30  
 Kurashina, Masashi, *s3-011*  
 Kure-Chu, Song-Zhu S., (*Tue s1*)15:00  
 Kuroda, Yoshiyuki, (*Wed s2*)15:00  
 Kuroiwa, Shigeki, *s3-018*  
 Kurosu, Hiromichi, *s2-005*  
 Kusakabe, Emi, (*Tue s4*)15:00  
 Kutyla, Dawid, (*Mon s4*)17:40, (*Wed s2*)11:50, *s2-017*, *s3-015*  
 Kuwabata, Susumu, *s4-007*  
 Kwiecinska, Anna, (*Mon s4*)17:40, *s2-017*, *s3-015*
- L**
- La Mantia, Fabio, (*Wed s1*)11:50  
 Lacroix, Jean-Christophe, (*Tue s3*)15:20  
 Lai, Chih-Yu, (*Wed s3*)10:50  
 Lamaka, Sviatlana, (*Wed s1*)15:20  
 Laocharoensuk, Rawiwan, *s3-038*  
 Lapeyre, Veronique, (*Tue s3*)11:40  
 Larionovich Zheludkevich, Mikhail, (*Tue s4*)14:40  
 Lauermann, Iver, (*Tue s2*)14:00  
 Lee, Dongil, (*Mon s2*)17:00  
 Lee, Hoonseung, *s1-003*, *s1-010*  
 Lee, Hsin-Yi, *s3-019*  
 Lee, Jet-Sing, (*Mon s2*)15:10  
 Lee, Kwan Hyi, *s3-020*  
 Lee, Sanghyeon, *s1-024*  
 Lei, Wu, (*Wed s2*)16:00  
 Levillain, Eric, (*Mon s3*)13:10, (*Tue s3*)12:00  
 Li, Chien-I., (*Tue s2*)12:20  
 Li, Ya-Ru, *s1-014*  
 Li, Yat, (*Wed s1*)16:00  
 Liang, Yanyu, *s2-018*
- Liao, Kuan-Hua, *s2-019*  
 Liao, Ying-Chih, (*Wed s3*)14:20, *s3-044*  
 Limtrakul, Jumras, (*Tue s3*)11:40  
 Lin, Andrew, *s2-020*  
 Lin, Cheng-Hsuan, *s3-036*  
 Lin, Chia-Yu, (*Tue s2*)17:30  
 Lin, Chih-Hsun, *s4-001*  
 Lin, Chun-Cheng, (*Mon s3*)16:40  
 Lin, Geng-Min, *s4-001*  
 Lin, Man-Ling, *s3-019*  
 Lin, Sheng Chi, *s1-015*  
 Liu, Huimin, (*Mon s2*)18:00  
 Liu, Tianyu, (*Wed s1*)16:00  
 Liu, Xiaoxia, *s1-016*  
 Liu, Xiuhua, (*Wed s3*)14:00  
 Lo, An-Ya, *s1-009*  
 Lo, Chun-Hsiang, (*Mon s3*)15:50  
 Lo, Nai-Chang, *s3-021*  
 Lodge, Andrew, (*Mon s3*)16:20, (*Wed s3*)15:40  
 Löwe, Armin, (*Tue s2*)11:40  
 Lota, Grzegorz, (*Mon s1*)14:50  
 Lozinsek, Matic, (*Mon s1*)13:10  
 Lu, Chi-Han, *s3-009*  
 Lu, Yi-Ting, (*Wed s1*)15:00  
 Lu, Zhenjie, (*Mon s2*)18:00  
 Lust, Enn, (*Mon s1*)13:30, (*Tue s4*)12:20, *s1-038*
- M**
- Ma, Chen-Chi M., *s1-015*  
 Ma, Robin Lok-Wang, (*Tue s1*)17:20, *s1-002*  
 Macak, Jan, (*Tue s3*)16:20  
 Machida, Katsuyuki, *s4-004*, *s4-010*, *s4-013*  
 Macounova, Katerina, (*Tue s2*)16:30  
 Maeda, Kohji, (*Tue s4*)15:00  
 Maeda, Yuki, *s5-003*  
 Magagnin, Luca, (*Mon s1*)12:40  
 Mahadevegowda, Surendra, (*Mon s3*)13:30  
 Majima, Masatoshi, *s5-004*  
 Maki, Hideshi, (*Tue s1*)12:00  
 Makino, Sho, (*Mon s1*)13:30  
 Mandai, Toshihiko, (*Wed s1*)15:40, *s1-037*  
 Masa, Justus, (*Mon s2*)18:00  
 Mascaro, Aaron, *s2-006*  
 Masu, Kazuya, *s4-004*, *s4-010*, *s4-013*  
 Masuda, Hideki, (*Tue s3*)14:20

- Masuda, Takuya, (*Mon s1*)13:30  
 Masuda, Yuta, *s1-017*  
 Mathé, Jérôme, (*Tue s3*)15:20  
 Matsubara, Eiichiro, (*Tue 00*)10:10  
 Matsuda, Honoka, (*Wed s2*)10:10  
 Matsuda, Shofu, (*Tue s4*)12:00  
 Matsue, Tomokazu, (*Mon s2*)16:20, (*Tue s3*)16:00, *s1-026, s2-025*  
 Matsui, Masaki, (*Tue s1*)12:00  
 Matsui, Yukiko, (*Tue s1*)16:40  
 Matsumae, Yoshiharu, *s1-040*  
 Matsumoto, Ayumu, (*Mon s4*)18:20, *s3-037, s4-005*  
 Matsumoto, Futoshi, *s1-034*  
 Matsumoto, Masashi, (*Mon s2*)16:40  
 Matsumoto, Toshiyuki, (*Tue s3*)15:00  
 Matsumura, Yoshimasa, *s2-007*  
 Matsuo, Hinako, *s3-048*  
 Matsushima, Hisayoshi, *s1-018, s5-005*  
 Matsushita, Nobuhiro, (*Tue s3*)17:20  
 Matsuzaki, Yoshio, *s2-015*  
 Matsuzawa, Koichi, (*Mon s2*)16:40  
 Mech, Krzysztof, (*Mon s4*)18:00  
 Melke, Julia, (*Tue s2*)12:00  
 Meller, Mikolaj, (*Mon s1*)13:50  
 Mertens, Stijn F.L., (*Mon s4*)18:00  
 Minagawa, Hirotaka, *s3-018*  
 Minakata, Satoshi, *s3-029*  
 Minamimoto, Hiro, (*Mon s3*)17:20  
 Miron, Camelia, *s1-010*  
 Mitsubayashi, Kohji, (*Tue s3*)17:20  
 Mitsuhashi, Naoto, *s1-034*  
 Mitsumura, Shigenori, *s2-007*  
 Mitsushima, Shigenori, (*Mon s2*)16:40, (*Wed s2*)15:00  
 Miura, Chiho, (*Mon s2*)16:20, *s2-025*  
 Miwa, Kazumoto, *s1-025*  
 Miyahara, Yoichi, *s2-006*  
 Miyake, Masao, (*Tue s3*)14:40  
 Miyamoto, Hiroo, (*Wed s3*)14:20  
 Miyamoto, Koichiro, (*Mon s3*)17:00, *s3-022, s3-042 s4-012*  
 Miyano, Takayashi, (*Wed s1*)14:40  
 Miyatake, Kenji, *s2-022*  
 Miyauchi, Toshimitsu, (*Mon s2*)18:00  
 Miyazaki, Reona, (*Tue s1*)15:00  
 Mizuhata, Minoru, (*Tue s1*)12:00  
 Mizusawa, Takako, *s2-010*  
 Mochizuki, Dai, (*Mon s1*)13:30  
 Mokkelbost, Tommy, (*Wed s5*)11:30  
 Momma, Toshiyuki, (*Tue s1*)14:00, (*Tue s1*)17:00, *s1-019, s3-018*  
 Montel, Fabien, (*Tue s3*)15:20  
 Moran, Bryan, (*Wed s1*)16:00  
 Mori, Tadashi, *s3-023*  
 Morimitsu, Masatsugu, (*Wed s1*)14:00  
 Muench, Falk, (*Mon s3*)14:50  
 Mukerjee, Sanjeev, (*Mon s4*)18:20  
 Munakata, Hirokazu, (*Mon s1*)13:30  
 Munakata, Tetsuo, (*Wed s2*)14:00  
 Murakami, Hideyuki, (*Mon s2*)17:20  
 Murakami, Yuma, (*Mon s3*)16:20  
 Murakoshi, Kei, (*Mon s3*)17:20  
 Muramatsu, Yusuke, *s3-024*  
 Murase, Kuniaki, (*Tue s4*)12:20, *s5-003, s1-006*
- N**
- Na, William, (*Wed s5*)10:10  
 Nagai, Takaaki, (*Mon s2*)16:40  
 Nagamine, Momoka, *s2-021*  
 Nagasaki, Motoko, (*Mon s1*)13:30  
 Nagasawa, Kensaku, (*Wed s2*)15:00, *s2-007*  
 Nagata, Masato, *s1-023*  
 Nagayama, Tomio, (*Mon s2*)16:20  
 Nakai, Hiromi, *s3-027*  
 Nakamura, Masashi, *s2-016*  
 Nakamura, Susumu, *s1-034*  
 Nakamura, Toshihiro, (*Mon s2*)16:20  
 Nakamura, Yui, (*Tue s4*)15:00  
 Nakanishi, Azusa, *s1-027, s1-040*  
 Nakanishi, Bradley, (*Mon s4*)17:00  
 Nakanishi, Takuya, *s3-018*  
 Nakano, Akihiro, (*Wed s2*)14:00  
 Nara, Hiroki, (*Tue s1*)14:00, (*Tue s1*)17:00, *s1-019*  
 Nato, Hiroaki, (*Wed s3*)14:20  
 Naujokaitis, Arnas, *s2-002, s2-003, s2-026, s2-027*  
 Nebel, Roman, (*Tue s2*)16:30  
 Neto, Miguel Angelo, (*Tue s4*)14:40  
 Ngamaroonchote, Aroonsri, *s3-038*  
 Niida, Asako, *s1-021*  
 Niinomi, Mitsuo, (*Tue s3*)17:20  
 Nishida, Tetsuo, *s1-011*

Nishide, Hiroyuki, (*Mon 00*)10:30  
 Nishihara, Hiroshi, (*Mon s3*)12:40  
 Nishikawa, Kei, (*Mon s1*)13:30, *s1-018*  
 Nishiyama, Kentaro, *s3-031*  
 Nitta, Akio, (*Mon s3*)16:20  
 Njel, Christian, (*Mon s1*)13:10  
 Noda, Masaru, *s2-031*  
 Nohira, Toshiyuki, *s5-004*  
 Nokbin, Somkiat, (*Tue s3*)11:40  
 Nomura, Fumihiko, *s1-020*  
 Norikawa, Yutaro, *s5-004*  
 Norkus, Eugenijus, (*Mon s2*)14:50, (*Mon s2*)18:20, (*Tue s2*)15:20, *s2-002*, *s2-003*, *s2-011*, *s2-026*, *s2-027*  
 Nugraha, Asep Sugih, *s3-025*  
 Numata, Koma, *s5-004*  
 Nurpratama, Aditya Febry, *s3-026*  
 Nørskov, Jens, (*Wed s2*)15:20

## O

Obata, Kenzo, *s1-040*  
 Oberlaender, Jan, (*Tue s3*)16:30  
 Obu, Yoshiki, (*Tue s4*)12:00  
 Ogawa, Ryota, *s5-005*  
 Oh, Seonhwa, *s2-012*, *s2-023*  
 Ohama, Ayano, *s1-021*  
 Ohashi, Keishi, *s3-018*  
 Ohtani, Bunsho, (*Mon s3*)16:20  
 Oikawa, Akio, (*Tue s2*)12:20  
 Oikawa, Shumpei, (*Mon s3*)17:20  
 Okada, Kiyoshi, (*Tue s3*)17:20  
 Okada, Takeru, (*Mon s2*)16:20, *s2-025*  
 Okada, Yasuaki, (*Mon s1*)14:10  
 Okamoto, Yukihiko, *s1-022*  
 Okaue, Daijiro, (*Wed s3*)14:20  
 Okuda, Yuuki, (*Tue s4*)12:00  
 Okura, Kaname, (*Mon s2*)16:20  
 Oleinick, Alexander, (*Tue s4*)11:40, *s4-009*  
 Oll, Ove, (*Mon s1*)13:30, (*Tue s4*)12:20  
 Olynick, Deirdre, (*Tue s2*)17:10  
 Onabuta, Yusuke, *s3-027*  
 Ono, Sakuroko, (*Wed s3*)14:20  
 Ono, Shimpei, *s1-025*  
 Onodera, Takehiro, *s3-028*  
 Osaka, Tetsuya, *s1-019*, (*Tue s1*)14:00, (*Tue s1*)17:00, *s3-018*  
 Osial, Magdalena, *s2-021*  
 Ota, Ken-ichiro, (*Mon s2*)16:40

Otani, Minoru, (*Tue s1*)16:20  
 Otani, Tomohiro, *s1-017*, *s1-023*  
 Otomo, Junichiro, (*Tue s2*)12:20, *s2-015*  
 Otsuji, Kanji, *s2-022*  
 Owada, Taku, (*Tue s1*)14:00  
 Ozasa, Kazunari, (*Tue s3*)17:20

## P

Pacoste, Laura, (*Wed s4*)11:50  
 Pai, Hao-Jen, *s3-028*  
 Pan, Deng, (*Wed s3*)10:30  
 Pan, Haoran, (*Mon s2*)18:00  
 Pander, Piotr, *s3-007*  
 Pandey, Prem, (*Mon s3*)14:10  
 Park, Habin, *s1-024*  
 Park, Hyanjoo, *s2-012*, *s2-023*  
 Park, Mijung, (*Wed s5*)12:10  
 Passerini, Stefano, (*Mon s1*)12:40  
 Patil, Bebi, (*Mon s1*)15:10  
 Patoux, Sebastien, (*Mon s1*)13:50  
 Peng, Wei, *s3-043*  
 Peralta, David, (*Mon s1*)13:50  
 Perrot, Hubert, (*Mon s1*)13:10, (*Mon s1*)14:30  
 Perugio Holland, Naomi, *s3-001*  
 Pikma, Piret, (*Wed s3*)15:00  
 Plevova, Michaela, *s2-009*  
 Pluczyk, Sandra, *s3-029*  
 Poghossian, Arshak, *s3-032*  
 Policar, Clotilde, *s3-001*  
 Ponrouch, Alexandre, (*Wed s1*)16:00  
 Poon, Kee Chun, (*Mon s2*)17:40  
 Popovitz-Biro, Ronit, (*Mon s3*)14:50  
 Prikryl, Jan, (*Tue s3*)16:20  
 Prokop, Martin, (*Tue s2*)11:10

## Q

Qian, Fang, (*Wed s1*)16:00  
 Qu, Yongfang, *s3-034*

## R

Rabbow, Thomas, (*Mon s1*)14:10  
 Reid, Gill, (*Wed s3*)15:40  
 Ringe, Stefan, (*Wed s2*)15:20  
 Romann, Tavo, *s1-038*  
 Rossmeisl, Jan, (*Tue s2*)16:30  
 Roth, Christina, (*Tue s2*)14:00, (*Wed s1*)15:00  
 Rothschild, Avner, (*Tue s2*)16:00

Roy, Sudipta, (*Mon s3*)15:10, *s3-039*  
 Rubinstein, Israel, (*Mon s3*)14:50  
 Rueda, Daniel, (*Tue s1*)17:40  
 Rutrle, Jakub, (*Wed s5*)10:50

## S

Saeki, Isao, (*Mon s2*)17:20  
 Sai Smaran, Kumar, *s1-021*  
 Saito, Hiroki, *s2-031*  
 Saito, Hiroyuki, *s3-030*  
 Saito, Mikiko, *s3-035, s3-048, s4-006*  
 Saito, Satoshi, *s1-025*  
 Saitoh, Takaki, *s1-018*  
 Sakai, Sayumi, *s1-042*  
 Sakai, Takuya, *s3-031*  
 Sakairi, Masatoshi, (*Tue s3*)15:00  
 Sakamaki, Kenji, (*Wed s2*)10:10  
 Sakamoto, Kouta, (*Wed s3*)14:20  
 Sakamoto, Susumu, *s3-037*  
 Sakanaka, Yoshihide, *s4-008*  
 Sakashita, Wakana, (*Wed s2*)10:10  
 Sakka, Tetsuo, (*Tue s4*)12:20  
 Salomon, Jeremie, (*Mon s1*)13:50  
 Samukawa, Seiji, (*Mon s2*)16:20, *s2-025*  
 Sasaki, Tomoya, *s4-007*  
 Sasano, Junji, *s3-031*  
 Sato, Hirotaka, (*Mon s2*)17:40  
 Sato, Masataka, (*Wed s2*)10:10  
 Sato, Taiki, (*Wed s3*)14:20  
 Sato, Yuki, *s2-030*  
 Sato, Yushi, *s1-037*  
 Sato, Yuta, *s3-008, s3-013*  
 Sato, Yuto, *s1-026*  
 Scheiba, Frieder, (*Tue s2*)12:00  
 Scherson, Daniel, (*Tue s4*)11:10  
 Schieda, Mauricio, (*Tue s2*)17:10  
 Schmidt, Thomas, *s2-024*  
 Schneider, Oliver, (*Tue 00*)09:30  
 Schoening, Michael J., (*Tue s3*)16:30,  
*s3-032, s3-032, s3-040, s4-012*  
 Schrickler, Barbara, (*Wed s1*)15:40  
 Schröder, Daniel, (*Wed s1*)11:30  
 Schulz, Florian, (*Wed s3*)14:20  
 Seidl, Lukas, (*Tue 00*)09:30  
 Seki, Maki, (*Tue s4*)15:20  
 Seki, Shin-Ichi, (*Tue s3*)17:40  
 Sel, Ozlem, (*Mon s1*)13:10, (*Mon s1*)14:30  
 Selskis, Algirdas, *s2-011*

Seo, Jungmok, *s3-020*  
 Seo, Minji, *s3-033*  
 Seong, Tae Wha, *s3-020*  
 Sepúlveda, Lina Marcela, (*Tue s1*)14:40  
 Serizawa, Nobuyuki, *s1-011*  
 Shahzad, Hafiz Khurram, (*Tue s1*)17:20  
 Shan, Dan, (*Wed s2*)15:40  
 Shanmugam, Sangaraju, (*Mon s2*)15:50,  
*(Mon s2)*17:20  
 Shao, Yi-An, *s3-004*  
 Shen, Yan, (*Wed s2*)12:10  
 Shen, Yanfei, (*Wed s3*)10:30  
 Shi, Guoyu, (*Mon s2*)16:40  
 Shi, Le, (*Wed s1*)14:40  
 Shigenobu, Keisuke, *s1-027*  
 Shiku, Hitoshi, (*Mon s2*)16:20, (*Wed*  
*s3*)11:30, *s1-026, s2-025, s3-028*  
 Shimada, Manai, *s2-022*  
 Shimizu, Masahiro, *s1-028*  
 Shimizu, Ryo, *s2-024*  
 Shimizu, Yasuhiro, (*Wed s3*)10:10  
 Shimura, Miyu, *s2-025*  
 Shin, Woonsup, (*Wed s5*)12:10  
 Shirai, Ryo, (*Mon s2*)18:00  
 Shiraiishi, Soshi, (*Mon s1*)15:50  
 Shirasaka, Ryo, (*Mon s2*)14:30, (*Mon*  
*s2*)16:40  
 Shironita, Sayoko, (*Tue s1*)15:20  
 Shitanda, Isao, *s3-016*  
 Shviro, Meital, (*Mon s4*)18:20  
 Shyy, Wei, (*Wed s1*)14:20  
 Siangproh, Weena, *s3-038*  
 Singh, Amritpal, (*Wed s2*)10:30  
 Sivanantham, Arumugam, (*Mon s2*)17:20  
 Slim, Cyrine, *s3-001*  
 Sliusarenko, Oleksii, (*Tue s4*)11:40  
 Sojic, Neso, (*Mon s3*)14:30  
 Soma, Naohiko, *s1-034*  
 Someya, Satoshi, (*Wed s2*)14:00  
 Sone, Masato, (*Mon s4*)17:20, (*Tue*  
*s3*)17:20, *s2-005, s4-004, s4-010, s4-013*  
 Song, Hyeonjun, (*Mon s1*)15:10  
 Song, Yanyan, *s3-034*  
 Song, Yu, *s1-016, (Wed s1)*16:00  
 Sopha, Hanna, (*Tue s3*)16:20  
 Soulé, Samantha, (*Mon s3*)16:20  
 Souma, Kenichi, (*Tue s1*)15:20

Stadermann, Michael, (*Wed s1*)16:00  
 Stagniunaite, Raminta, (*Mon s2*)14:50,  
 (*Tue s2*)15:20  
 Stauss, Sven, *s1-029*  
 Sternad, Michael, (*Tue s1*)14:20  
 Stimming, Ulrich, (*Tue*)09:30,  
 (*Wed s1*)15:40, *s1-004*, *s1-030*  
 Stock, Daniel, (*Wed s1*)11:30  
 Stradiotto, Nelson, (*Tue s4*)14:00  
 Straková Fedorková, Andrea, (*Tue s1*)17:40  
 Stuparu, Miahuela C., (*Mon s3*)13:30  
 Su, Chun-Hao, (*Wed s3*)14:20, *s3-044*  
 Su, Haibin, (*Mon s2*)17:40  
 Su, Wei-Nien, *s1-013*  
 Suda, Kohei, (*Mon s2*)14:30  
 Sugie, Misaki, *s3-035*  
 Sugimoto, Wataru, (*Mon s1*)13:30  
 Sugino, Osamu, (*Mon s2*)16:40  
 Suh, Won-kyo, (*Mon s2*)15:50  
 Sukackiene, Zita, *s2-002*, *s2-003*, *s2-026*,  
*s2-027*  
 Sumskas, Lukas, *s2-002*  
 Sun, Chia-Liang, *s3-036*  
 Sun, I.-Wen, *s3-021*  
 Suzuki, Daisuke, *s3-022*  
 Suzuki, Yuta, *s4-008*  
 Svir, Irina, (*Tue s4*)11:40, *s4-009*  
 Szacilowski, Konrad, (*Mon s4*)18:00

## T

Tachikawa, Naoki, *s1-011*  
 Tadokoro, Hiroshi, *s2-015*  
 Takahashi, Hidefumi, *s3-035*, *s3-048*  
 Takahashi, Yasufumi, (*Mon s2*)16:20,  
*s1-026*, *s2-025*  
 Takamori, Mari, (*Wed s3*)10:10  
 Takano, Ken, *s2-007*  
 Takasaka, Yuichi, *s3-037*  
 Takase, Mai, (*Mon s3*)16:20  
 Takashima, Mai, (*Mon s3*)16:20  
 Takata, Manami, *s1-031*  
 Takeda, Youhei, *s3-029*  
 Takeguchi, Tatsuya, (*Wed s1*)15:40, *s1-037*  
 Takekawa, Toshihiro, *s1-011*  
 Takemoto, Marie, (*Tue s1*)12:00  
 Takeya, Jun, (*Wed s3*)14:20  
 Takibuchi, Ryota, *s3-018*

Tamasauskaite Tamasiunaite, Loreta, (*Mon s2*)14:50, (*Mon s2*)18:20, (*Tue s2*)15:20,  
*s2-002*, *s2-003*, *s2-011*, *s2-026*, *s2-027*  
 Tan, Desmond, (*Mon s2*)17:40  
 Tanabe, Ichiro, (*Wed s3*)14:20  
 Tanabe, Toyokazu, *s1-034*  
 Tang, Guoyi, (*Tue s1*)15:00  
 Tang, Haochun, *s4-004*, *s4-010*  
 Taniguchi, Izumi, *s1-007*, *s1-008*  
 Tanii, Risako, *s5-005*  
 Tao, Minglei, (*Wed s2*)12:10  
 Tazawa, Naoki, *s1-029*  
 Teabnamang, Pemika, *s1-032*  
 Tedim, Joao, (*Tue s3*)11:10  
 Terada, Shoshi, *s1-012*, *s1-022*, *s1-036*  
 Terasaki, Haruka, *s1-033*  
 Terasaki, Ichiro, *s3-035*, *s3-048*  
 Terauchi, Mayuko, (*Wed s3*)11:30  
 Thangphatthanarungruang, Jeerakit, *s3-038*  
 Thomborg, Thomas, *s1-038*  
 Tian, Zhao-Wu, (*Wed s3*)16:00  
 Tian, Zhong-Qun, (*Wed s3*)16:00  
 Toma, Koji, (*Tue s3*)17:20  
 Tomizawa, Eika, *s1-033*  
 Torimoto, Tsukasa, *s4-007*  
 Tortorelli, Dan, (*Wed s1*)16:00  
 Trindade da Silva, Eduardo Luís, (*Tue s4*)14:40  
 Truong, Hoang Anh, (*Mon s3*)17:00, *s3-042*  
 Tryk, Donald, (*Mon s2*)16:40  
 Tsai, Ming-Liao, *s2-019*, *s3-026*, *s3-045*  
 Tsai, Yi-Ying, *s1-013*  
 Tsuda, Takashi, *s1-034*  
 Tsuda, Tetsuya, *s4-007*  
 Tsukada, Hidehiko, (*Mon s1*)15:50

## U

Uchida, Hiroyuki, (*Mon s2*)14:30, (*Mon s2*)16:40  
 Uchida, Makoto, *s2-014*, *s2-022*, *s2-024*  
 Uchida, Satoshi, (*Tue s1*)16:40  
 Uchimaru, Masahiro, *s3-011*  
 Uchimoto, Yoshiharu, *s1-035*  
 Ueda, Mikito, *s1-018*, *s5-005*  
 Ueda, Taro, (*Wed s3*)10:10  
 Uematsu, Taro, *s4-007*  
 Ueno, Kazuhide, *s1-012*, *s1-022*, *s1-027*,  
*s1-036*, *s1-040*

Ugata, Yosuke, *s1-036*  
 Ui, Koichi, *s1-037*  
 Umeda, Minoru, (*Tue s4*)12:00, (*Tue s1*)15:20  
 Uno, Shigeyasu, *s3-022*  
 Upskuviene, Daina, (*Tue s2*)15:20, *s2-011*  
 Usui, Sayuri, (*Wed s2*)10:10

## V

Väli, Ronald, *s1-038*  
 Vagin, Mikhail, (*Wed s2*)10:30  
 Vaiciuniene, Jurate, *s2-002*, *s2-003*, *s2-026*, *s2-027*  
 Valiollahi, Roudabeh, (*Wed s2*)10:30  
 Valverde Armas, Priscila, (*Mon s3*)15:10, *s3-039*  
 Vasiljevic, Natasa, (*Mon s2*)18:00, (*Wed s2*)14:20  
 Vaskevich, Alexander, (*Mon s3*)14:50  
 Vasylieva, Marharyta, *s3-007*  
 Vo, Thang, (*Mon s2*)17:40  
 Volperts, Aleksandrs, (*Mon s2*)18:20  
 Voronov, Dmitriy, (*Tue s2*)17:10  
 Vossmeier, Tobias, (*Wed s3*)14:20

## W

Wada, Yuta, *s1-010*  
 Waga, Iwao, *s3-018*  
 Wagner, Mary Elizabeth, (*Wed s5*)10:30  
 Wagner, Nobert, (*Tue s2*)11:40  
 Wagner, Patrick, (*Tue s3*)16:30, *s3-040*  
 Wagner, Torsten, *s3-040*, *s4-012*  
 Wakisaka, Mitsuru, (*Mon s2*)14:30, (*Mon s2*)16:40  
 Wang, Caihong, *s1-025*  
 Wang, Chen-Hao, *s3-011*  
 Wang, Fu-Ming, (*Wed s1*)10:30  
 Wang, Guang-Ren, *s3-041*  
 Wang, Haipeng, *s4-003*  
 Wang, Jeng-An, *s1-039*  
 Wang, Jiade, *s5-006*  
 Wang, Jun, (*Mon s2*)18:00  
 Wang, Mengyun, *s3-042*  
 Wang, Mingkui, (*Wed s2*)12:10  
 Wang, Rongguang, (*Tue s2*)15:00, *s3-002*  
 Wang, Tao, (*Mon s2*)18:00  
 Wang, Tsai-Hui, *s4-001*  
 Wang, Xia, *s3-001*, *s4-003*

Wang, Yue, (*Tue s3*)17:40  
 Wang, Yumi, *s2-028*  
 Warakulwit, Chompunuch, (*Tue s3*)11:40  
 Watanabe, Ayana, (*Wed s2*)10:10  
 Watanabe, Daiki, *s1-036*  
 Watanabe, Kohei, *s4-011*  
 Watanabe, Masayoshi, (*Tue s1*)11:10, *s1-012*, *s1-022*, *s1-025*, *s1-027*, *s1-036*, *s1-040*  
 Wattanakit, Chularat, (*Tue s3*)11:40  
 Watts, Seth, (*Wed s1*)16:00  
 Webster, Richard D., (*Mon s3*)13:30  
 Wege, Christina, *s3-032*  
 Wei, Lei, (*Wed s1*)14:40  
 Weisgraber, Todd, (*Wed s1*)16:00  
 Weissmüller, Jörg, (*Tue s3*)14:00  
 Welden, Rene, *s3-040*  
 Weng, Yu-Ching, *s2-029*, *s3-043*  
 Werner, Carl Frederik, (*Mon s3*)17:00, *s3-022*, *s3-042*, *s4-012*  
 Widera-Kalinowska, Justyna, *s2-021*  
 Wilkening, Martin, (*Tue s1*)14:20  
 Wittstock, Gunther, (*Tue s3*)14:00, (*Tue s1*)14:20  
 Wodarz, Sigg, *s3-012*  
 Wojciechowski, Jaroslaw, (*Mon s1*)14:50  
 Wolfschmidt, Holger, (*Wed s1*)15:40  
 Woo, Seunghee, (*Mon s2*)15:50  
 Worsley, Marcus, (*Wed s1*)16:00  
 Wrobel, Miroslaw, (*Mon s4*)18:00  
 Wu, Ching-Chou, *s3-046*, *s4-002*  
 Wu, Maochun, (*Wed s1*)14:20  
 Wu, Nae-Lih, (*Tue s1*)16:00  
 Wu, Yi-Shiuan, (*Mon s1*)14:10  
 Wu, Yunwen, (*Tue s1*)17:00

## X

Xiao, Fu-Ren, *s3-044*  
 Xiao, Xin, (*Wed s2*)12:10  
 Xin, Wen-Li, (*Wed s2*)15:40  
 Xu, Jianbo, (*Wed s1*)14:20, (*Wed s1*)14:40  
 Xu, Ying-Fang, *s3-045*

## Y

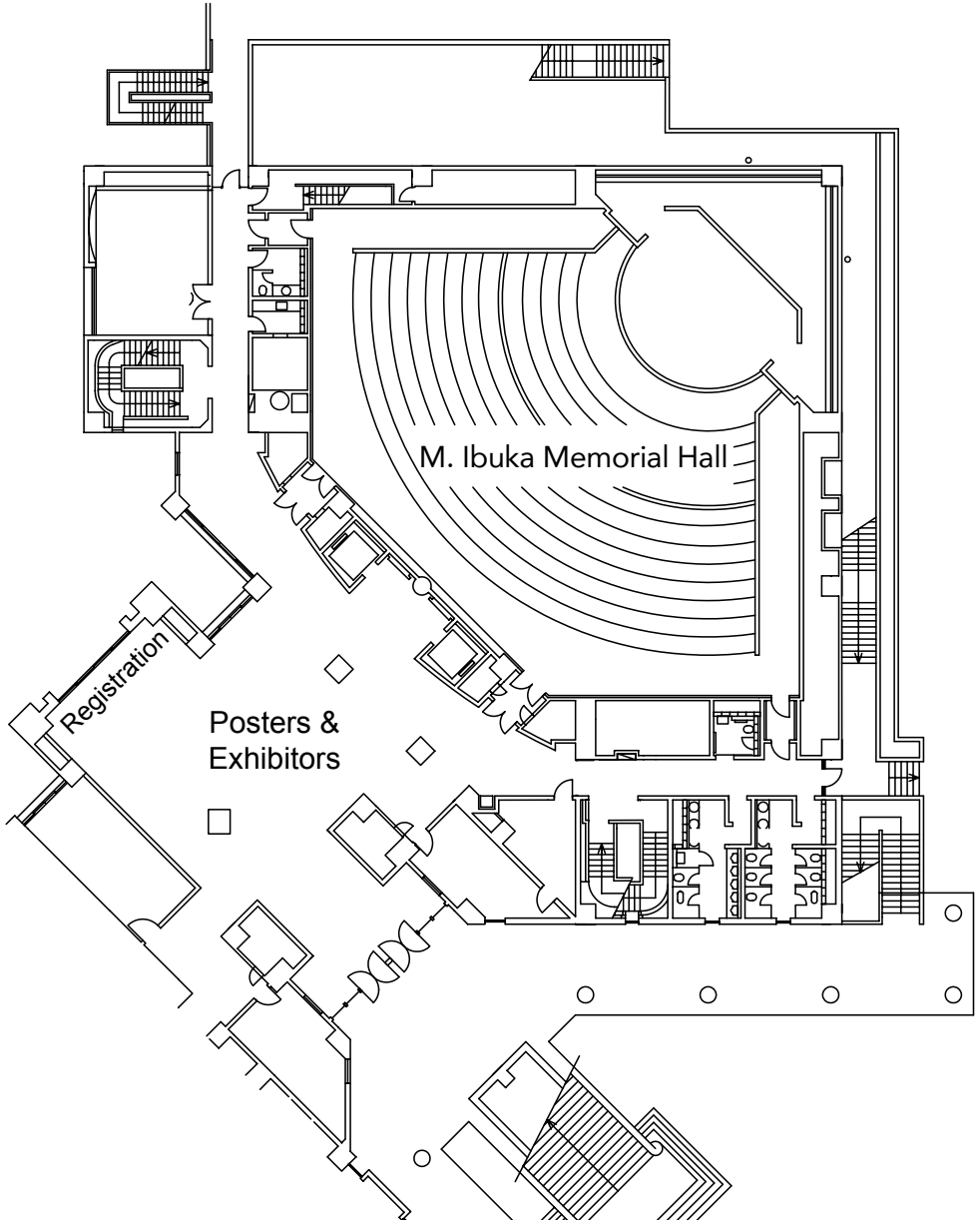
Yae, Shinji, (*Mon s4*)18:20, *s3-037*, *s4-005*  
 Yamada, Naohito, *s2-030*  
 Yamada, Norifumi, *s2-010*  
 Yamaguchi, Futa, *s3-047*

- Yamaguchi, Rina, (*Tue s4*)15:20  
Yamamoto, Kazuo, *s5-002*  
Yamamoto, Takahiro, *s4-013*  
Yamamoto, Takayo, (*Mon s2*)16:20  
Yamamoto, Tomoyuki, (*Mon s2*)17:20  
Yamamoto, Yoshiyuki, (*Mon s2*)16:40  
Yamanaka, Ichiro, (*Wed s2*)15:00  
Yamane, Daisuke, *s4-004, s4-010, s4-013*  
Yamauchi, Yusuke, *s3-025, s5-001*  
Yan, Jia-De, *s3-046*  
Yanagi, Masato, *s1-040*  
Yanagisawa, Masahiro, *s3-008, s3-013, s3-047*  
Yanagishita, Takashi, (*Tue s3*)14:20  
Yanase, Yuhki, *s3-022*  
Yano, Hiroshi, (*Mon s2*)16:40  
Yao, Bin, (*Wed s1*)16:00  
Yao, Bo, (*Wed s4*)12:10  
Yao, Jiachao, *s5-006*  
Yashiro, Hitoshi, (*Tue s1*)15:00  
Yasini, Parisa, (*Wed s3*)15:00  
Yasuda, Kouji, *s5-004*  
Yasuda, Tetsuya, *s3-047*  
Yasuzawa, Mikito, *s3-011*  
Yatsuzuka, Ryosuke, *s1-028*  
Yau, Shuehlin, (*Mon s1*)13:10  
Ye, Haitao, (*Wed s2*)16:00  
Ye, Yongda, (*Tue s1*)15:00  
Yeh, Min-Hsin, *s1-013*  
Yen, Ching-Jung, (*Tue s3*)17:00  
Yen, Hao-Yu, *s4-002*  
Yen, Wei-Chen, *s4-001*  
Yesilmen, Mazlum, (*Wed s3*)14:20  
Yi, Tien-Yu, *s1-041*  
Yokoshima, Tokihiko, *s1-019, (Tue s1)14:00, (Tue s1)17:00*  
Yokota, Naoki, *s2-022*  
Yokota, Yasuyuki, (*Wed s3*)14:20  
Yokoyama, Ayano, *s4-005*  
Yokoyama, Seiji, *s3-031*  
Yong, Hansol, *s1-024*  
Yoshida, Yumi, (*Tue s4*)15:00  
Yoshihara, Naoki, *s2-031*  
Yoshii, Kazuki, *s1-011*  
Yoshimi, Yasuo, (*Tue s4*)15:20  
Yoshimura, Natsumi, *s2-022*  
Yoshinobu, Tatsuo, (*Mon s3*)17:00, *s3-022, s3-042, s4-012*  
Yoshioka, Risa, *s1-042*  
Yoshitoku, Koichiro, *s3-048*  
You, Ting-Hsuan, *s1-043*  
Yu, Seongil, (*Mon s1*)15:10  
Yutthalekha, Thittaya, (*Tue s3*)11:40
- ## Z
- Zabinski, Piotr, (*Mon s4*)17:40, (*Mon s4*)18:00, (*Wed s2*)11:50, *s2-017, s3-015*  
Zangari, Giovanni, (*Tue s3*)16:40, *s3-012*  
Zazpe, Raul, (*Tue s3*)16:20  
Zborowski, Wojciech, *s3-015*  
Zeng, Lin, (*Wed s1*)14:20, (*Wed s1*)14:40  
Zeng, Wei-Yang, (*Mon s3*)15:50  
Zhan, Dongping, (*Wed s3*)16:00  
Zhan, Jing, (*Mon s2*)17:40  
Zhang, Jingjun, *s1-036*  
Zhang, Wenjian, (*Wed s3*)15:40  
Zhao, Chuan, (*Wed s2*)11:30  
Zhao, Tianshou, (*Wed s1*)14:20, (*Wed s1*)14:40  
Zheludkevich, Mikhail, (*Tue s3*)11:10  
Zheng, Xiaoyu, (*Wed s1*)16:00  
Zhu, Cheng, (*Wed s1*)16:00  
Zhu, Chunyu, (*Mon s1*)13:50, *s1-031, s2-013, s2-030*  
Zigah, Dodzi, (*Mon s3*)14:30  
Zitka, Jan, *s2-009*  
Zitoun, David, (*Mon s4*)18:20  
Zozoulenko, Igor, (*Wed s2*)10:30  
Zukalova, Marketa, (*Wed s1*)10:50  
Zurins, Aivars, (*Mon s2*)18:20





# Waseda University International Conference Center Floor 1: M. Ibuka Memorial Hall



# Waseda University International Conference Center Floor 3: Rooms 1-3

