

Schedule (updated on Apr. 24th)

	May 8	May 9	May 10	May 11	
8:00		Opening remarks		Excursion	
		Keynote lecture 1 8:10 - 8:40	Keynote lecture 3 8:10 - 8:40		
9:00		Lectures 1-4 8:40 - 10:00	Lectures 18-21 8:40 - 10:00		
10:00		Coffee break	Coffee break		
		Lectures 5-9 10:20 - 12:00	Lectures 22-25 10:20 - 11:40		
11:00			Group Photo 11:40-12:00		
		Lunch 12:00 - 13:20	Lunch 12:00 - 13:20		
13:00			Lectures 10-15 13:20 - 15:20		
			Lectures 26-30 13:20 - 15:00		
14:00					
			Coffee break		
15:00			Poster session 2 P-25-48 Short presentations 15:20 - 16:20 Poster viewing 16:20 - 17:20		
16:00		Registration	Poster session 1 P-1-24 Short presentations 15:40 - 16:40 Poster viewing 16:40 - 17:40		Keynote lecture 4 17:20 - 17:50
17:00			Keynote lecture 2 17:40 - 18:10		Lectures 31-32 17:50 - 18:30
	Lectures 16-17 18:10 - 18:50				
18:00	Welcome party	Cocktail hour / Dinner tour (optional)	Banquet 19:30 -	Farewell party	
19:00					

Scientific Program

May 8, 2017

Registration at Foyer in Toyama International Conference Center	16:00 -
Welcome Party at Foyer in Toyama International Conference Center	18:00 -

May 9, 2017

Opening Remarks Koichi Terasaka, Chair of MMPE 2017 Keio University, Japan	8:00 - 8:10
Keynote Lecture 1 Chair: Naoki Shimada, Sumitomo Chemical, Japan On the Importance of Modelling Bubble Dynamics for Numerical Calculations of Bubble Columns <u>Martin Sommerfeld</u> and Marcelo Muniz Otto-von-Guericke Universität Magdeburg, Germany	8:10 - 8:40
Lectures 1-4 Solid Process Engineering Chair: Stefan Heinrich, Hamburg University of Technology, Germany	8:40 - 10:00
8:40 - 9:00 L-1 Analytical Study on Velocity and Pressure Distributions Surrounding a Spherical Particle Ascending or Settling in a Simple Shear Flow <u>Korekazu Ueyama</u> Osaka University, Japan	
9:00 - 9:20 L-2 CFD-DEM Modeling of Circulation Frequencies and Liquid Injection in a Prismatic Spouted Bed <u>Swantje Pietsch</u> , Paul Kieckhefen, Stefan Heinrich Hamburg University of Technology, Germany	
9:20 - 9:40 L-3 Approach the Interparticle Force by Bed Collapse at Incipient Fluidization Wan-Yi Hsu ¹ , An-Ni Huang ¹ , Shih-Yang Huang ¹ and <u>Hsiu-Po Kuo</u> ^{1,2} ¹ Chang Gung University, Taiwan, ² Linkou Chang Gung Memorial Hospital, Taiwan	
9:40 - 10:00 L-4 Experimental Analysis of Coal Pyrolysis Process in a Novel Downer Reactor for Integrated Coal Gasification Combined Cycle Plant <u>Sivasakthivel Thangavel</u> , Miho Kobayashi, Masayo Koyama, Siti Norazian Ismail, Chihiro Fushimi Tokyo University of Agriculture and Technology, Japan	
Coffee Break	10:00 - 10:20
Lectures 5-9 Coalescence, Break Up, Rheology Chair: Mitsuhiro Ohta, Tokushima University, Japan	10:20 - 12:00

10:20 - 10:40

- L-5 **Effects of Electrolyte on Mass Transfer from Single Carbon-dioxide Bubbles in Vertical Pipes**
Yohei Hori, Kosuke Hayashi, Shigeo Hosokawa, Akio Tomiyama
Kobe University, Japan

10:40 - 11:00

- L-6 **An Experimental Investigation of Turbulent Bubble Coalescence**
Jian Jun Luo, Adel M. Al Taweel
Dalhousie University, Canada

11:00 - 11:20

- L-7 **Coalescence and Fragmentation of Bubbles Sliding Along a Horizontal Hydrophobic Plate**
Atsuhide Kitagawa¹, Yosuke Yamada¹, Shusaku Kawakami¹, Yuichi Murai²
¹Kyoto Institute of Technology, Japan, ²Hokkaido University, Japan

11:20 - 11:40

- L-8 **Epstein-Plesset-type Analysis of Quasistatic Growth of Bubbles in Gas-supersaturated Gelatin Gels**
Keita Ando, Eriko Shirota
Keio University, Japan

11:40 - 12:00

- L-9 **Effect of Bubble Morphology on Hydrodynamics and Mixing in Bubble Swarms**
David Laupsien, Arnaud Cockx, Alain Liné
University of Toulouse – LISBP, France

Lunch at Restaurants in ANA Crowne Plaza Toyama

12:00 - 13:20

Lectures 10-15

13:20 - 15:20

Microfluidic L-L and L-S Processes

Chair: Toru Ishigami, Hiroshima University, Japan

13:20 - 13:40

- L-10 **Prediction of Pressure Drop of Liquid-Liquid Slug Flow in Milli-channels**
Satoko Fujioka, Satoki Sano, Koichi Terasaka
Keio University, Japan

13:40 - 14:00

- L-11 **Particle Flow Instability in Laminar Flow**
Steven Wang
Newcastle University, UK

14:00 - 14:20

- L-12 **Formation of a Solid Film from Inkjet Polymer Solution Droplet: Effect of Marangoni Flows**
Hiroataka Ishizuka, Jun Fukai
Kyushu University, Japan

14:20 - 14:40

- L-13 **Development of Droplet Producing Process from W/O Two Phase Flow by Controlling Cross Angles in Microfluidic Cross-junction Devices**
Masakazu Naya, Kazuki Okajima, Yuichiro Shimada, Katsuto Otake, Atsushi Shono
Tokyo University of Science, Japan

14:40 - 15:00

- L-14 **Fundamentals and Application of Liquid Solid Micro-fluidized Bed Systems**
Vladimir Zivkovic, O. L. do Nascimento, David A. Reay
Newcastle University, UK

15:00 - 15:20

- L-15 **Cancelled**

Coffee Break

15:20 - 15:40

Poster Session 1 (with short presentations)

15:40 - 17:40

Chair: Daisuke Kobayashi, Tokyo Denki University, Japan

- P-1 **Effect of Different Nanoparticle Types on Transport Phenomena in Liquid/liquid Systems**
Marc Petzold, Susanne Röhl, Dimitrij Stehl, Lena Hohl, Regine v. Klitzing, Matthias Kraume
TU Berlin, Germany
- P-2 **Mass Transfer and Power Consumption of High Viscosity Liquid in Gas-Liquid Agitated Vessel**
Kento Matsumoto, Masataka Kamiya, Yoshihito Kato, Haruki Furukawa
Nagoya Institute of Technology, Japan
- P-3 **Coalescence in Liquid Two-phase Systems – Experimental Analysis of the Influence of Ion Addition**
Jörn Villwock¹, Felix Gebauer², Hans-Jörg Bart², Matthias Kraume¹
¹TU Berlin, Germany, ²University of Kaiserslautern, Germany
- P-4 **Propagation of Bubbles on a Thin Rail: A Concept for Sorting Air Bubbles by Size**
Andres Franco-Gomez, Alice B. Thompson, Anne Juel, Andrew L. Hazel
University of Manchester, UK
- P-5 **Absorption of Carbon Dioxide into Stirred Emulsions**
Elmira Mohsenzadeh, Adrian Schumpe
TU Braunschweig, Germany
- P-6 **Development of Functional Foods Using Konjac Glucomannan**
Aya Kaide, Takashi Saeki
Yamaguchi University, Japan
- P-7 **Development of New Functional Silica Products by Controlling Sol-gel Transition by Using Y-shaped Reactor**
Aya Kaide¹, Takashi Saeki¹, Naoki Arifuku², Tadahiro Fukuju², Nobuhiro Nakamoto²
¹Yamaguchi University, Japan, ²Tokuyama, Japan
- P-8 **Multiphase Composite Membrane Prepared by Calcium Alginate Based Bio-polymers and Application for Selective Separation of Water Soluble Components**
Yuki Ichikawa, Masanao Imai
Nihon University, Japan
- P-9 **Experimental Investigation of Live-Oil Behavior under Artificial Deep-Sea Conditions**
Simeon Pesch¹, Philip Jaeger², Thomas B.P. Oldenburg³, Marko Hoffmann¹, Michael Schlüter¹
¹Hamburg University of Technology, Germany, ²Eurotechnica GmbH, Germany, ³University of Calgary, Canada
- P-10 **Influence of Vortex Structures on Local Mass Transfer Processes**
Sophie Ruettinger, Marko Hoffmann, Michael Schlüter
Hamburg University of Technology, Germany,
- P-11 **Retention and Diffusion Behaviours of Large Biomacromolecules in Chromatography Solid Phase**
Masataka Hamachi, Simoes Cardoso Joao Carlos, Noriko Yoshimoto, Shuichi Yamamoto
Yamaguchi University, Japan
- P-12 **A Simple Approach for Minimizing Errors and Biases in kLa Estimates for Pneumatically-Agitated Gas/Liquid Contactors**
Albahlool Omar Idhbeaa¹, A.M. Al Taweel¹, A. Ghanem¹, M. Walsh¹, A. Kermanshahi-pour¹, M. Schlüter²
¹Dalhousie University, Canada, ²Hamburg University of Technology, Germany

- P-13 **Characterization and Correlation Study of Biphasic Water/Organic Solvent System of Slug Flows Formed in Microcapillary**
Toshinori Shimanouchi¹, Kenta Yamamoto¹, Satoko Fujioka², Koichi Terasaka², Yukitaka Kimura¹
¹Okayama University, Japan, ²Keio University, Japan
- P-14 **Effect of Venturi Tube Shape on Chemical Reaction Performance by Hydrodynamic Cavitation**
Keiji Yasuda, Daisuke Ako
Nagoya University, Japan
- P-15 **A Novel Microscale Cell Culturing System Using Electrodynamic Mixing for Biopharmaceutical Application**
Lasse Frey, Detlev Rasch, Susanna Lladó Maldonado, Sven Meinen, Andreas Dietzel, Rainer Krull
TU Braunschweig, Germany
- P-16 **Numerical Study of Wall Wettabilities by Immersed Boundary-Lattice Boltzmann Method**
Takeshi Seta¹, Tomomi Uchiyama², Noboru Takano¹
¹University of Toyama, Japan, ²Nagoya University, Japan
- P-17 **Analysis of Turbulent Flows in Complex Channels Using Voxel Cartesian Grid with Cut Cells**
Sayuri Tanaka, Shimada Naoki, Yoshihide Matoba
Sumitomo Chemical, Japan
- P-18 **Simulating Solid Suspension in Stirred Vessels with a Fully Coupled CFD-DEM Algorithm**
Thomas Eppinger¹, Oleh Baran², Ravindra Aglave²
¹CD-adapco, Germany, ²CD-adapco, USA
- P-19 **Numerical Simulations of the Shear-induced Deformation and Breakup of a Bubble in a Viscous Liquid**
Tetsuya Ueta¹, Mitsuhiro Ohta¹, Mark Sussman²
¹Tokushima University, Japan, ²Florida State University, USA
- P-20 **Effect of a Media Density on Milling Efficiency in a Beads Mill by Discrete Element Method**
Hiroyuki Tanaka¹, Mikio Sakai²
¹TDK, Japan, ²University of Tokyo, Japan
- P-21 **Computations of the Motion of a Deformable Droplet in Liquid-liquid System**
Tamaki Yoshikawa, Shunji Honma
Saitama University, Japan
- P-22 **Numerical Simulations of Droplet Penetration into Glass Beds and Geometrical Structure by Lattice Boltzmann Method**
Yosuke Matsukuma, Hiroki Uchiyama, Masato Tsuchida
Fukuoka University, Japan
- P-23 **Computations of Rayleigh-Taylor Instability with Highly Viscous Fluids**
Ryota Nakajima, Shunji Honma
Saitama University, Japan
- P-24 **Compressible Navier-Stokes Simulation of High-Speed Droplet Impact Against Rigid Walls**
Tomoki Kondo, Keita Ando
Keio University, Japan

Keynote Lecture 2

17:40 - 18:10

Chair: Rainer Krull, TU Braunschweig, Germany

Microfluidic Multiphase Processes to Produce Functional Biomaterials

Masumi Yamada

Chiba University, Japan

Lectures 16-17

18:10 - 18:50

Microfluidic G-L Processes

Chair: Masumi Yamada, Chiba University, Japan

18:10 - 18:30

L-16 **Cultivation at the Microscale - Development of Multiphase Microreactors as Screening Platform for Biotechnological and Pharmaceutical Applications**

S. Lladó Maldonado, D. Rasch, L. Frey, S. Meinen, A. Dietzel, Rainer Krull

TU Braunschweig, Germany

18:30 - 18:50

L-17 **Fine Bubbles for Chemical Transformation**

Benjamin Thomas¹, Shunya Tanaka², Paul Bubenheim¹, Koichi Terasaka², Michael Schlüter¹, Andreas Liese¹

¹Hamburg University of Technology, Germany, ²Keio University, Japan

Cocktail Hour at Grand Plaza /

19:00 -

Dinner Tour around the Symposium Venue (optional)

May 10, 2017

Keynote Lecture 3

8:10 - 8:40

Chair: Kei Mizuta, Kagoshima University, Japan

Optical Fibre Probing for Bubble/foam Measurement, and Its Possibility of the Practical Application in Chemical Engineering Processes

Takayuki Saito, Katsuaki Sato, Ayumi Nihei, Hiroya Muramatsu

Shizuoka University, Japan

Lectures 18-21

8:40 - 10:00

Reactive Bubbly Flows

Chair: Michael Schlüter, Hamburg University of Technology, Germany

8:40 - 9:00

L-18 **DNS of Multi-physics Reactive Mass Transfer from Rising Bubbles**

Andre Weiner, Dieter Bothe

TU Darmstadt, Germany

9:00 - 9:20

L-19 **Challenges in the Determination of Mass Transfer Coefficients in Gas/Liquid Systems**

Lutz Böhm, David Merker, Matthias Kraume

TU Berlin, Germany

9:20 - 9:40

L-20 **CFD Simulation and Visualization of Reactive Bubble Columns**

Mark W. Hlawitschka, J. Schäfer, L. Jöckel, M. Hummel, C. Garth, H.-J. Bart

TU Kaiserslautern, Germany

9:40 - 10:00

- L-21 **Characterization of Reactive Bubbly Flows by Means of Reactive Taylor Bubbles**
Sven Kastens¹, Jens Timmermann¹, Michael Schlüter¹, Florian Strass², Robert F. Rampmaier², Sonja Herres-Pawlis²
¹Hamburg University of Technology, Germany, ²RWTH Aachen University, Germany

Coffee Break

10:00 - 10:20

Lectures 22-25

10:20 - 11:40

Innovations in Multiscale Multiphase Process Engineering

Chair: Stoyan Novakov Nedeltchev, Helmholtz-Zentrum Dresden-Rossendorf, Germany

10:20 - 10:40

- L-22 **Experimental Study of Mass Transfer and Local Flow Parameters of Bubbly Flows in Periodic Open Cell Structures (POCS)**
Christian-Ole Möller, Marko Hoffmann, Michael Schlüter
Hamburg University of Technology, Germany

10:40 - 11:00

- L-23 **Influence of Structured Packings on Local Phase Distribution in a Semi-batch Bubble Column**
Anna Katharina Lesniak, Marcus Grünewald
Ruhr-University Bochum, Germany

11:00 - 11:20

- L-24 **Experimental Investigation of Liquid Jet Behavior for Piston Cooling by a 90 Degree Curved Circular Nozzle**
Akira Nakashima¹, Jian Wen¹, Yoichi Ogata¹, Keiya Nishida¹, Hitoshi Hongou², Hideaki Yokohata¹
¹Hiroshima University, Japan, ²Mazda Motor, Japan

11:20 - 11:40

- L-25 **Cancelled**

Group Photo

11:40 - 12:00

Lunch at Restaurants in ANA Crowne Plaza Toyama

12:00 - 13:20

Lectures 26-30

13:20 - 15:00

Bubble-Wake-Particle Interactions

Chair: Mikio Sakai, University of Tokyo, Japan

13:20 - 13:40

- L-26 **Discussions about the Influences of Bubble-surface Contamination on Instantaneous Mass Transfer through Three-dimension Bubble Wake Structures**
Jie Huang, Takayuki Saito
Shizuoka University, Japan

13:40 - 14:00

- L-27 **Behavior of a Single Bubble and Its Wake in Swarm Like Background Turbulence**
Katharina Haase, C. J. Kähler,
Universität der Bundeswehr München, Germany

14:00 - 14:20

- L-28 **Effect of Heat Exchanger Internals on the Main Transition Velocities in a Bubble Column**
Stoyan Nedeltchev, Felix Möller, Uwe Hampel, Markus Schubert
Helmholtz-Zentrum Dresden-Rossendorf, Germany

14:20 - 14:40

L-29 **Dynamics of a Particle Attachment to an Immersed Bubble**

Gregory Lecrivain¹, Ryoichi Yamamoto², Uwe Hampel^{1,3}, Takashi Taniguchi²

¹Helmholtz-Zentrum Dresden-Rossendorf, Germany, ²Kyoto University, Japan,

³AREVA-Stiftungsprofessur für bildgebende Messverfahren für die Energie-und Verfahrenstechnik, Germany

14:40 - 15:00

L-30 **Modeling Droplet Size Distribution Using Adaptive Multi-size Group Method**

Thomas Eppinger¹, Koichi Okano², Ravindra Aglave³, Simon Lo⁴, Alexander Vichansky⁴

¹CD-adapco, USA, ²CD-adapco, Japan, ³CD-adapco, USA, ⁴CD-adapco, UK

Coffee Break

15:00 - 15:20

Poster session 2 (with short presentations)

15:20 - 17:20

Chair: Keita Ando, Keio University, Japan

P-25 **Local Observation and Concentration Measurement of Solute Transport in Complex Micro-Channels**

Tetsumi Kubota, Akane Ishida, Shusaku Harada
Hokkaido University, Japan

P-26 **Mechanistic Study on Emulsification Assisted by Subcritical Water: Formation of Finely Dispersed Emulsion**

Toshinori Shimanouchi¹, Akihiro Kondo¹, Satoko Fujioka², Koichi Terasaka², Yukitaka Kimura¹

¹Okayama University, Japan, ²Keio University, Japan

P-27 **Rheological Characterization of Capillary Suspension Involved with Particle Wettability**

Toru Ishigami^{1,2}, Kouta Nakamura²

¹Hiroshima University, Japan, ²Nihon University, Japan

P-28 **A Study on Particle Focusing in a Confined Flow**

Hirotake Udono, Mikio Sakai
University of Tokyo, Japan

P-29 **Microfluidic Device for Multistep Particle Processing Based on Hydrodynamic Carrier-Fluid Exchange**

Hajime Toyoda, Masumi Yamada, Minoru Seki
Chiba University, Japan

P-30 **Characteristics of Bilayer Membranes of Vesicles Composed of Highly Unsaturated Fatty Acids and Phospholipids**

Naoyuki Nagatomo, Mizuki Yamaguchi, Makoto Yoshimoto
Yamaguchi University, Japan

P-31 **Preparation of Polystyrene Particles by Two-step Emulsification Method using Ultrasound**

Daisuke Kobayashi¹, Ryosuke Hiwatashi², Atsushi Shono²

¹Tokyo Denki University, Japan, ²Tokyo University of Science, Japan

P-32 **Influence of Boundary Layer Deformations on Mass Transfer and Chemical Reactions**

Jens Timmermann, Marko Hoffmann, Michael Schlüter
Hamburg University of Technology, Germany

P-33 **Rate Enhancement of Three-phase Hydrogenation with a Taylor Flow Millireactor**

Takafumi Horie, Kenta Hirai, Norihisa Kumagai, Naoto Ohmura
Kobe University, Japan

- P-34 **Measurement of Dynamic Surface Tension on a Droplet Containing Soluble Surfactant under Vertically Vibrating Field**
Naoki Miyata¹, Shuichi Iwata¹, Hideki Mori¹, Ryo Nagumo¹, Rie Mogami²
¹Nagoya Institute of Technology, Japan, ²FANCL, Japan
- P-35 **Propagation of Shear Waves under Pressure-oscillation Field in Wormlike Micellar Fluids**
Toshiki Ohtani¹, Shuichi Iwata¹, Hideki Mori¹, Ryo Nagumo¹, Tsutomu Takahashi¹, Takashi Onuma²
¹Nagoya Institute of Technology, Japan, ²Photron, Japan
- P-36 **Study on Forces Acting on a Single Particle Held in a Sound Pressure Field**
Hiroya Muramatsu, Takayuki Saito
Shizuoka University, Japan
- P-37 **Propagation Characteristics of Acoustic Waves in Non-Dilute Bubbly Flows in a Venturi Tube**
Keita Fujii, Tetsuya Kanagawa¹, Akiko Kaneko¹, Yutaka Abe¹, Shinichiro Uesawa²
¹University of Tsukuba, Japan, ²Japan Atomic Energy Agency
- P-38 **Liquid Circulation and Mixing Characteristics of Internal-loop Airlift Type Bubble Column with Rectangular Cross-section**
Tatsumi Yamamoto, Hiroyuki Kawasaki, Hidetoshi Mori
University of Toyama, Japan
- P-39 **Effects of Bubble Interactions on Liquid Phase Mass Transfer Properties for Micro Bubbles Dispersed in a Bubble Column**
Katsumi Nakao¹, Keiji Furumoto²
¹Yamaguchi University, Japan, ²Oshima National College of Maritime Technology, Japan
- P-40 **Recovery of Milk Whey Proteins by Foam Separation**
Hideo Maruyama, Hideshi Seki
Hokkaido University, Japan
- P-41 **Study on Improvement of Cleaning Effect by Fine Bubbles**
Takahiro Ishizaki, Yuto Matsuda, Yusuke Nishiuchi, Kaori Tada, Junko Nagahara, Takashi Hata
National Institute of Technology, Kochi College, Japan
- P-42 **Fast Mass Transfer from a Single Shrinking Microbubble into Water**
Shunya Tanaka¹, Motoki Iwakiri¹, Sven Kastens², Koichi Terasaka^{1,2}, Michael Schlüter², Satoko Fujioka¹
¹Keio University, Japan, ²Hamburg University of Technology, Germany
- P-43 **The Effect of Solution pH on the Bubble Rise Motion in a Hydrophobically Modified Alkali-Soluble Emulsion Polymer Solution**
Shohei Yamamoto¹, Shugo Fujimoto¹, Mitsuhiro Ohta¹, Shuichi Iwata²
¹Tokushima University, Japan, ²Nagoya Institute of Technology
- P-44 **Gas Absorption Enhancement of Taylor Flow Containing Non-porous Fine Particles**
Yuuki Iwamura, Kenta Hirai, Norihisa Kumagai, Takafumi Horie, Naoto Ohmura
Kobe University, Japan
- P-45 **Vizualization Study on a Coarse Grain Model of the DEM**
Yuki Mori, Mikio Sakai
University of Tokyo, Japan
- P-46 **Dynamic Behavior of Particle Aggregation Using a Stirred Vessel**
Hayato Masuda^{1,2}, Kazuto Tsuda², Keisuke Matsui², Takafumi Horie², Yoshiyuki Komoda², Naoto Ohmura²
¹University of Shizuoka, Japan, ²Kobe University, Japan

P-47 **New Method for Flow Regime Identification in a Bubble Column Based on Ultrafast X-ray Tomography Data**
Stoyan Nedeltchev, Markus Schubert
Helmholtz-Zentrum Dresden-Rossendorf, Germany

P-48 **Investigation of Thermal Performance of a Flat Laminate Vapor Chamber**
Kei Mizuta, Susumu Nii, Takashi Goshima
Kagoshima University, Japan

Keynote Lecture 4

17:20 - 17:50

Chair: Matthias Kraume, TU Berlin, Germany

Turbulent Hydrocarbon Dispersion in Subsea Blowout

Zachary M. Aman¹, Claire B. Paris², Michael Schlüter³

¹University of Western Australia, Australia, ²University of Miami, USA, ³Hamburg University of Technology, Germany

Lectures 31-32

17:50 - 18:30

Three Phase Flows

Chair: Keiji Yasuda, Nagoya University, Japan

17:50 - 18:10

L-31 **Temperature Sensitivity of Dispersions in Liquid Three Phase Systems**

Lena Hohl, Matthias Kraume

TU Berlin, Germany

18:10 - 18:30

L-32 **Particle Dispersion in Fluid Phase Resonance Mixers**

Silvio Schmalfuß, Martin Sommerfeld

Otto-von-Guericke Universität Magdeburg, Germany

Banquet at OHTORI in ANA Crowne Plaza Toyama

19:30 -

May 11, 2017

Excursion

9:00 -

Farewell Party at ASTRAL SKY BAR in ANA Crowne Plaza Toyama

18:00 -