Friday May.8 Room A		
7:20-8:20 AM	Breakfast	
Session: Droplets of Complex Fluids I Chair: Takeshi Fukuda		
8:20-8:45 AM	A01: Droplets of Liquid Crystals and Droplets in Liquid Crystals	**Oleg Lavrentovich** Kent State University USA
8:45-9:10 AM	A02: Chiral nematic liquid crystalline droplets with complex defect structures including knots	**Slobodan Zumer** University of Ljubljana and Jozef Stefan Institute Slovenia
9:10-9:35 AM	A03: Electro-optical Behavior of Polymer Stabilized and Dispersed Blue Phase Liquid Crystal Droplets	**Emine Kemiklioglu** Celal Bayar University Turkey
9:35-10:00 AM	A04: Formation of Porous Particles from Complex Fluids Using Droplets as Confining Geometries	**Young-Sang Cho** Korea Polytechnic University Korea
10:00-10:20 AM	Session Break	
Session: Droplet Dynamics I Chair: Oleg Lavrentovich		
10:20 -10:45 AM	A05: Cryogenic solid nitrogen particle production through Laval nozzle and its impingement behavior with phase change	**Jun Ishimoto** Tohoku University Japan
10:45-11:10 AM	A06: In situ monitoring chemical reaction in microdroplet	**Takeshi Fukuda** Saitama University Japan
11:10-11:35 AM	A07: Simple views on the dynamics of drops and bubbles in confined spaces	**Ko Okumura** Ochanomizu University Japan
11:35-12:00 PM	A08: “Chemo-taxi” – oil droplets for targeted cargo delivery	**Jitka Cejkova** Institute of Chemical Technology Prague Czech Republic
12:00-13:30 PM	Lunch Break	

Friday May.8 Room B		
Session: Biological and Medical Droplet I Chair: Oscar Ces		
14:00-14:25 PM	B01: Droplets for Nucleic Acid based Diagnostics	**Karan Kaler** University of Calgary Canada
14:25 -14:50 PM	B02: Droplet based technologies for personalized oral dosage forms	**Paul.Takhistov** Rutgers University USA
14:50 -15:15 PM	B03: Piezoelectric Inkjet-based Automatic High Speed Droplet Printing of Single Cell	**Keisuke Morishima** Osaka University Japan
15:15-15:30 PM	Session Break	
Session: Nanodroplet I Chair: Karan Kaler		
15:30-15:55 PM	B04: Utilization of Droplets for Efficient Nanomaterial Production	**Shin Mukai** Hokkaido University Japan
15:55-16:20 PM	B05: Metal nanoparticles adhesion to biomolecules through gas-liquid interface	**Hideki Tanaka** Chuo University Japan
16:20-16:45 PM	B06: Hydrogen Storage in Nano-materials	**Hiroshi Kitagawa** Kyoto University Japan
16:45-17:10 PM	B07: Fabrication of Monodisperse Nanoparticles by Membrane Emulsification Using Ordered Anodic Porous Alumina	**Takashi Yanagishita** Tokyo Metropolitan University Japan
17:30 PM	Dinner Social	

Friday May.8 Room C		
Session: Liquid Droplets on Solid Surfaces I Chair: Ji Hwan Jeong		
14:00-14:25 PM	C01: Anti-icing surfaces with low adhesion to condensed microdroplets	**Jianjun Wang** Institute of Chemistry, Chinese Academy of Science China
14:25 -14:50 PM	C02: Magnetic droplets on superhydrophobic surfaces	**Robin Ras** Aalto University Finland
14:50 -15:15 PM	C03: Behavior of emulsion droplets in a confined nanogap	**Liran Ma** Tsinghua University China
15:15-15:30 PM	Session Break	
Session: Liquid Droplets on Solid Surfaces II Chair: Jianjun Wang		
15:30-15:55 PM	C04: Behavior of condensed water droplets and change of condensation mode on micro-textured surfaces	**Ji Hwan Jeong** Pusan National University Korea
15:55-16:20 PM	C05: Liquid droplets on a hydrophobic insulator surface under high voltages	**Guoxin Xie** Tsinghua University China
16:20-16:45 PM	C06: Numerical simulation of compressible two-phase flows in high-speed impingement of a hollow droplet on a solid wall	**Yoshinori Jinbo** Hokkaido University Japan
17:30 PM	Dinner Social	

Friday May.8 Room D		
Session: Droplet Dynamics II Chair: Daniel Orejon		
14:00-14:25 PM	D01: Droplet Dynamics in Ultrasound	**Duyang Zang** Northwestern Polytechnic University-China China
14:25 -14:50 PM	D02: Locomotion mode of micrometer-sized oil droplets underwater induced by chemical reactions	**Taisuke Banno** University of Tokyo Japan
14:50 -15:15 PM	D03: Dynamics and applications of electrified droplets	**Anderson Ho Cheung Shum** University of Hong Kong Hong Kong
15:15-15:30 PM	Session Break	
Session: Droplet Dynamics III Chair: Duyang Zang		
15:30-15:55 PM	D04: Effects of evaporative cooling on droplet evaporation analyzed by a combined field approach	**Xuefeng Xu** Beijing Forestry University China
15:55-16:20 PM	D05: Chemically Treated Micro-Textured Surfaces for Enhanced Dropwise Condensation	**Daniel Orejon** Kyushu University Japan
16:20-16:45 PM	D06: Droplet motion coupled with pattern formation in it	**Hiroyuki Kitahata** Chiba University Japan
17:30PM	Dinner Social	

Saturday May.9 Room B		
7:20-8:20 AM	Breakfast	
Session: Metal and Mechanical Droplet Chair: Yoon Sung Nam		
8:20-8:45 AM	B08: Impact of Molten Metal Droplets on a Solid Surface	**Sanjeev Chandra** University of Toronto Canada
8:45-9:10 AM	B09: Liquid Metal Droplets as Fuel Targets for Continuously Operating Multi-KHz Laser Produced Plasma Light Sources	**Reza Abhari** Eidgenoessische Technische Hochschule Zuerich Switzerland
9:10-9:35 AM	B10: Metal droplets fabricated by femtosecond laser processing of thin film	**Yoshiki Nakata** Osaka University Japan
9:35-10:00 AM	B11: Submicrometer spherical particle fabrication through the melt droplet formed by pulsed laser irradiation	**Naoto Koshizaki** Hokkaido University Japan
10:00-10:20 AM	Session Break	
Session: Droplets of Complex Fluids II Chair: Sanjeev Chandra		
10:20 -10:45 AM	B12: Oil Droplets Stabilized with Semi-solid Amphiphilic Copolymers	**Yoon Sung Nam** Department of Materials Science and Engineering, KAIST, Korea
10:45-11:10 AM	B13: Synthesis of Polymeric Microparticles with Tunable Shapes from Microfluidic Compound Droplets	**Takasi Nisisako** Precision and Intelligence Laboratory, Tokyo Institute of Technology Japan
11:10-11:35 AM	B14: Pattern formation of binary polymer droplets upon phase separation and gelation	**Miho Yanagisawa** Tokyo University of Agriculture and Technology Japan
11:35-12:00 PM	B15: Investigation on PMMA/SAN blend droplets induced by solvent or thermal annealing	**Jichun You** Hangzhou Normal University China
12:00-13:30 PM	Lunch Break	
Session: Biological and Medical Droplet II Chair: Rabibrata Mukherjee		

13:30 -13:55 PM	B16: Single Cell Analysis of Cancer Cell Protease Activity using Droplet Microfluidics	**Chwee Teck Lim** National University of Singapore Singapore
13:55 -14:20 PM	B17: Droplet Microfluidic Technologies for the Bottom-Up Construction of Artificial Cells	**Oscar Ces** Imperial College London UK
14:20 -14:45PM	B18: Microfluidic fabrication of core-shell microdroplets for biomedical applications	**Zhiqiang Zhu** University of Science and Technology of China China
14:45-15:45 PM	Poster Session	
Session: Nanodroplet II Chair: Chwee Teck Lim		
15:45-16:10 PM	B19: Monitoring the coalescence of droplets used as templates for the synthesis of nanocontainers	**Daniel Crespy** Max Planck Institute for Polymer Research Germany
16:10-16:35 PM	B20: Fabrication of nanodroplets employing the Dewetting of liquid films	**Dipankar Bandyopadhyay** Indian Institute of Technology Guwahati India
16:35-17:00 PM	B21: Spin Dewetting induced formation of ordered polymer nano droplets	**Rabibrata Mukherjee** Department of Chemical Engineering IIT Kharagpur India
17:00-17:25 PM	B22: Water and biomolecules confined in nanometer-scale reverse micelles studied using spectroscopic techniques in wide frequency and temperature ranges	**Hiroshi Murakami** Japan Atomic Energy Agency (JAEA) Japan
17:30 PM	Dinner Social	

Saturday May.9 Room C		
7:20-8:20 AM	Breakfast	
Session: Chemical Physics Droplet I Chair: Guihua Tang		
8:20-8:45 AM	C07: A robotic approach for the synthesis of monodisperse and acoustically resonant emulsions	**Olivier Mondain-Monval** Université de Bordeaux France
8:45-9:10 AM	C08: From Leidenfrost Droplets to Drag Reduction and Heat Exchange Regulation	**Ivan Uriev Vakarelski** King Abdullah University of Science and Technology(KAUST) Kingdom of Saudi Arabia
9:10-9:35 AM	C09: Rotating Droplet Electrochemistry: A Simple and Versatile Tool for Monitoring the Kinetics of Molecular and Biomolecular Reactions in Low-Volume SamplesLow-Volume Samples	**Benoit Limoges** Université Paris Diderot France
9:35-10:00 AM	C10: Droplet Droplet interactions in Soft Mater. Effect on Nanoparticle Synthesis	**N. Mariano Correa** Univ Nacl Rio Cuarto Argentina
10:00-10:20 AM	Session Break	
Session: General I Chair: Olivier Mondain-Monval		
10:20 -10:45 AM	C11: Droplets on micro and nacoscale surfaces: dynamic behavior and condesation heat transfer	**Guihua Tang** Xi'an Jiaotong University China
10:45-11:10 AM	C12: Lithium Recovery Technique from Seawater by using Innovative Dialysis with a Lithium Ionic Superconductor	**Tsuyoshi Hoshino** Rokkasho Fusion Institute, Japan Atomic Energy Agency, Japan
11:10-11:35 AM	C13: Two techniques for the characterization of droplets: Interferometric out-of-focus imaging for the characterization of droplets and icing conditions, droplet’s digital in-line holography for the detection of nanoparticles	**Gérard Gréhan** The French National Center for Scientific Research France

11:35-12:00 PM	C14: On the Nature of Negative Charge of Water Droplets in Air	**Himanshu Mishra** King Abdullah University Of Science And Technology(KAUST) Saudi Arabia
12:00-13:30 PM	Lunch Break	
Session: Chemical Physics Droplet II Chair: Ivan Uriev Vakarelski		
13:30 -13:55 PM	C15: Droplet formation and arrangement in a flexible polymer	**Mitsunori Saito** Ryukoku University Japan
13:55 -14:20 PM	C16: Aggregates of milk protein droplets	**Hiroyuki Shima** University of Yamanashi Japan
14:20 -14:45 PM	C17: Pickering Emulsions: link between particle wettability and emulsion properties	**Véronique Schmitt** Centre de Recherche Paul Pascal,The French National Center for Scientific Research France
14:45-15:45 PM	Poster Session	
Session: Liquid Droplets on Solid Surfaces III Chair: Mitsunori Saito		
15:45-16:10 PM	C18: Growth mechanisms of InN and its Alloys using droplet elimination by radical beam irradiation	**Tomohiro Yamaguchi** Kogakuin University Japan
16:10-16:35 PM	C19: Bio-Inspired Materials with Super-wettability for Directional Liquid Transport	**Lei Jiang** Institute of Chemistry, Chinese Academy of Sciences China
16:35-17:00 PM	C20: Droplet impact on solid surfaces: the effect of air and vapor	**Tran Anh Tuan** Nanyang Technological University Singapore
17:30 PM	Dinner Social	

Saturday May.9 Room D		
7:20-8:20 AM	Breakfast	
Session: Theory and Simulation I Chair: Yanlin Song		
8:20-8:45 AM	D07: Numerical simulation of micro-droplet generation in different micro-channels	**Bin Chen** Xi'an Jiaotong University China
8:45-9:10 AM	D08: Recent advances in the modeling and simulation of sprays	**Laurent Desvillettes** CNRS and ENS Cachan France
9:10-9:35 AM	D09: Phase transition in nanoscale: molecular dynamics simulation of solidification of metal nanodroplets	**Yasushi Shibuta** The University of Tokyo Japan
9:35-10:00 AM	D10: Numerical Simulation of Bubbly Flow Using Two-phase Lattice Boltzmann Method	**Seungyeob Ryu** Korea Atomic Energy Research Institute (KAERI) Korea
10:00-10:20 AM	Session Break	
Session: Semiconductor and Superconductor Droplet I Chair: Bin Chen		
10:20 -10:45 AM	D11: Droplets of Nanoparticles for Printing Technology	**Yanlin Song** Institute of Chemistry, Chinese Academy of Sciences China
10:45-11:10 AM	D12: Ultraviolet Lasing from semiconductor droplet fabricated by laser ablation	**Daisuke Nakamura** Kyushu University Japan
11:10-11:35 AM	D13: Nanophotonic Droplets: novel characteristics of their mechanism based on optical near-field interactions	**Naoya Tate** Kyushu University Japan
11:35-12:00 PM	D14: Hybrid microassembly of chips using robot and liquid droplets	**Quan Zhou** Aalto University Finland
12:00-13:30 PM	Lunch Break	
Session: Droplet Dynamics IV Chair: Jun Ishimoto		

13:30 -13:55 PM	D15: The use of MHz Frequency Acoustics in Unraveling Novel Phenomena in Droplets	**Amgad Rezk** RMIT University Australia
13:55 -14:20 PM	D16: Preparation of Nd-Fe-B thick-film magnets by controlling the amount of droplets	**Masaki Nakano** Nagasaki University Japan
14:20 -14:45 PM	D17: Dynamics of droplets of simple and complex fluids	**Daniel Bonn** University of Amsterdam The Netherlands
14:45-15:45 PM	Poster Session	
Session: Droplet Dynamics V Chair: Amgad Rezk		
15:45-16:10 PM	D18: Instability of initial contact dynamics of miscible microdroplets on solid surface	**Tatsuo Hasegawa** The University of Tokyo Japan
16:10-16:35 PM	D19: Tuning acoustic resonances of ferrofluid droplets with magnetic fields	**Thomas Brunet** University of Bordeaux France
16:35-17:00 PM	D20: Manipulating the dynamics of self-propelled gallium droplets in GaP by nanoscale surface modification	**Alexei Zakharov** Lund Univ Sweden
17:30 PM	Dinner Social	

Sunday May.10 Room B		
7:20-8:20 AM	Breakfast	
Session: Fuel Droplets Chair: Hiroki Matsubara		
8:20-8:45 AM	B23: Unified Jet Fuel Surrogate for Droplet Evaporation and Combustion	**Chien-Pin Chen** Shanghai Jiao Tong University China
8:45-9:10 AM	B24: Magnetically-controllable all-organic droplets and capsules	**Yoshiaki Uchida** Osaka University Japan
9:10-9:35 AM	B25: Investigation of nanoFuel spray and droplet formation	**Reza Sadr** Texas A&M University at Qatar Qatar
9:35-10:00 AM	B26:Dynamics of droplet/droplet, droplet/solid surface interactions	**Chenglong Tang** Xi'an Jiaotong University China
10:00-10:20 AM	Session Break	
Session: Chemical Physics Droplet III Chair: Chien-Pin Chen		
10:20 -10:45 AM	B27: Effect of phase transition of surfactant adsorbed films on the stability of foam and emulsion systems	**Hiroki Matsubara** Kyushu University Japan
10:45-11:10 AM	B28: Coalescence of Oil Droplets in Emulsions Triggered by Ultraviolet Light	**Yutaka Takahashi** Tokyo University of Science Japan
11:10-11:35 AM	B29: Emulsion drops stabilized by soft and responsive microgels	**Valérie Ravaine** Université de Bordeaux France
12:00-13:30 PM	Lunch Break	
Session: General II Chair: Takafumi Fukushima		
13:35 -14:00 PM	B30: Nanowire Size-Selective Deposition onto Micrometer Scale Hydrophilic Patterns through Water/Oil Droplet interface	**Sakon Rahong** Nagoya University Japan

14:00 -14:25 PM	B31: Novel measurement techniques for droplets through a single-tip optical fiber probe and ray-tracing numerical simulation	**Takayuki Saito** Shizuoka University Japan
14:25 -14:50 PM	B32: The need for droplets in liquid pulsed plasma thrusters for small satellite propulsion	**William Ling** University of Tokyo Japan
14:50 -15:15 PM	B33: Self-Setting Paste of Hydroxyapatite/Collagen Bone-Like Nanocomposite for Additive Manufacturing of Tailor-Made Bone Filler	**Masanori Kikuchi** International Center for Materials Nanoarchitechtonics, National Institute for Materials Science Japan
15:15-15:45 PM	Session Break	
Session: Semiconductor and Superconductor Droplet II Chair: Sakon Rahong		
15:45-16:10 PM	B34:Die-to-Wafer Self-Assembly by Droplet Surface Tension for 3D LSI & Advanced System Integration	**Takafumi Fukushima** Tohoku University Japan
16:10-16:35 PM	B35: Inkjet Printing Controllable Footprint Lines by Regulating the Dynamic Wettability of Coalescing Ink Droplets	**Meijin Liu** Chinese Academy of Sciences China
16:35-17:00 PM	B36:Inkjet-Printed Highly Conductive Transparent Patterns with Water Based Metal-Doped Graphene	**Lihong Li** Chinese Academy of Sciences China
17:00-17:25 PM	B37: Controlling the wetting properties of inks during the printed electronics fabrication process	**Tapio Fabritius** University of Oulu Finland
17:30 PM	Dinner Social	

Sunday May.10 Room C		
7:20-8:20 AM	Breakfast	
Session: Chemical Physics Droplet IV Chair: Cécile Le Floch-Fouere		
8:20-8:45 AM	C21: The role of oil-in-water emulsions in controlling the drop size distribution of an agricultural spray	**Christian Ligoure** Université de Montpellier France
8:45-9:10 AM	C22: Observation of micro-droplets of water by AFM and its application on corrosion research	**Rongguang Wang** Hiroshima Institute of Technology Japan
9:10-9:35 AM	C23: Functional Polymer Beads Production in Microchannel	**Toru Torii** University of Tokyo Japan
9:35-10:00 AM	C24: Charge-induced processes in helium droplets	**Andreas Mauracher** Universität Innsbruck Austria
10:00-10:20 AM	Session Break	
Session: Droplet Dynamics VI Chair: Christian Ligoure		
10:20 -10:45 AM	C25: Protein kind driven droplet and particule morphology and resulting dairy powder properties : a multiscale approach	**Cécile Le Floch-Fouere** Agrocampus Ouest – INRA France
10:45-11:10 AM	C26: Effect of thermal pattern on evaporation distribution during droplet evaporation	**Masamichi Kohno** KyushuUniversity Japan
11:10-11:35 AM	C27: MEMS force sensors for measuring droplet dynamics	**Nguyen Thanh-Vinh** University of Tokyo Japan
12:00-13:30 PM	Lunch Break	
Session: Droplet Dynamics VII Chair: Lina Si		
14:00 -14:25 PM	C28: Collisional reaction of aerosol droplets: Coloring reaction of phenolphthalein	**Jun-ya Kohno** Gakushuin University Japan
14:25 -14:50 PM	C29: Self-Propelled Droplet Response to Internal Chemical Conditions	**Nobuhiko J. Suematsu** Meiji University Japan

14:50 -15:15 PM	C30: Bubbles and droplets is microfluidics	**Eugenia Kumacheva** University of Toronto Canada
15:15-15:45 PM	Session Break	
Session: Droplet Dynamics VIII Chair: Jun-ya Kohno		
15:45-16:10 PM	C31: Spreading of microdroplets confined in a ball-on-disk configuration under external electric fields	**Lina Si** Beijing Institute of Technology China
16:10-16:35 PM	C32: Droplet dynamics under non-uniform electric fields	**Francesco Aliotta** IPCF-CNR Italy
17:30 PM	Dinner Social	

Sunday May.10 Room D		
7:20-8:20 AM	Breakfast	
Session: Theory and Simulation II Chair: Philipp Pischke		
8:20-8:45 AM	D21: Theoretical analysis of multi-scale mass transfer kinetics in droplet flows	**Akihiro Morita** Tohoku University Japan
8:45-9:10 AM	D22: Meniscus-induced motion of oil droplets	**Jianlin Liu** University of Petroleum China
9:10-9:35 AM	D23: Direct numerical solving of kinetic equations at study of homogeneous and heterogeneous condensation in vapor-gas flows	**Arseniy Yastrebov** Moscow Power Engineering Institute Russia
9:35-10:00 AM	D24: Molecular Dynamics Simulations of Silica-Nanocolloid – Water – NaCl Systems – Fractal Dimension Analysis of Aggregates and Gels --	**Junko Habasaki** Tokyo Institute of Technology Japan
10:00-10:20 AM	Session Break	
Session: Theory and Simulation III Chair: Akihiro Morita		
10:20 -10:45 AM	D25: Kinetics of Droplet Motion during Spray Pyrolysis	**Lado Filipovic** Technische Universität Wien Austria
10:45-11:10 AM	D26: Numerical study of the thermocapillary motion of a droplet in microchannels	**Haihu Liu** Xi'an Jiaotong University China
11:10-11:35 AM	D27: Recent progress in droplet collision modeling and implications on disperse phase simulations	**Philipp Pischke** RWTH Aachen University Germany
12:00-13:30 PM	Lunch Break	
Session: Nanodroplet III Chair: Masanobu Sagisaka		
14:00 -14:25 PM	D28: Nanostructures in water-in-supercritical carbon dioxide microemulsions stabilized by fluorinated surfactants	**Masanobu Sagisaka** Hirosaki University Japan

14:25 -14:50 PM	D29: Novel nanoscience in superfluid helium droplets: from spherical nanoparticles to nanowires	**Shengfu Yang** University of Leicester UK
14:50 -15:15PM	D30: Fourier Interferometric Imaging: A new tools to characterize droplets from nanoscale to millimetric scale	**Sawitree Saengkaew** The French National Center for Scientific Research France
17:30 PM	Dinner Social	

Saturday May.9 14:45-15:45PM		
Poster Session		
P1	Magnetically-Induced Cassie-Wenzel Transition on Microstructured Surfaces	**Anas Al-Azawi** Doctoral Candidate at Aalto School of Science, Micronova Center for Micro and Nanotechnology Finland
P2	Bio-inspired Assembly of Functional Inorganic Nanomaterials on Highly Open Porous Microspheres	**Ho Yeon Son** Korea Advanced Institute of Science and Technology Korea
P3	A competitive relationship between wetting of oil lens and condensed film formation of fluorinated alkanol at the air-water interface	**Yuhei Tokiwa** Kyushu University Japan
P4	Bio-Inspired Photonic-Crystal Microchip for Fluorescent Ultratrace Detection	**Jue Hou** Institute of Chemistry，Chinese Academy of Sciences China
P5	Microdroplet arrays prepared by Superhydrophilic/Superhydrophobic Patterns	**Huizeng Li** Institute of Chemistry，Chinese Academy of Sciences China
P6	Twenty Natural Amino Acids Identification by a Photochromic Sensor Chip	**Meng Qin** Institute of Chemistry，Chinese Academy of Sciences China
P7	Printing Patterned Fine Three Dimensional Structures by Manipulating the Three Phase Contact Line	**Lei Wu** Institute of Chemistry，Chinese Academy of Sciences China
P8	Rate-dependent interface interception reverses coffee-ring effect	**Yanan Li** Institute of Chemistry，Chinese Academy of Sciences China
P9	Fabrication of Open Porous Biocompatible Polymer Spheres with Charged Pore Surfaces using Emulsion Template	**Yong Taik Lim** SKKU Advanced Institue of Nanotechnology (SAINT)/School of Chemical Engineering, Sungkyunkwan University Korea