



26th International Conference on Non-Contact Atomic Force Microscopy NC-AFM2025, TOYAMA

August 3rd - August 8th, 2025





Session Schedule

Monday August 4th, 2025

13:40 - 14:00 Opening

14:00 – 15:20 Monday Afternoon Session 1 16:00 – 17:40 Monday Afternoon Session 2

17:40 – 18:00 Monday Afternoon 1 min Presentation for Best Poster Awards

18:00 – 20:00 Monday Evening Poster A

Tuesday August 5th, 2025

9:20 – 10:20 Tuesday Morning Session 3
11:00 – 12:00 Tuesday Morning Session 4
13:40 – 15:20 Tuesday Afternoon Session 5
16:00 – 17:40 Tuesday Afternoon Session 6

17:40 – 18:00 Monday Afternoon 1 min Presentation for Best Poster Awards

18:00 – 20:00 Tuesday Evening Poster B

Wednesday August 6th, 2025

9:20 – 10:20 Wednesday Morning Session 7 11:00 – 12:00 Wednesday Morning Session 8 13:40 – 15:20 Wednesday Afternoon Session 9 16:00 – 18:00 Wednesday Afternoon Session 10

Thursday August 7th, 2025

9:20 – 11:00 Thursday Morning Session 11

Friday August 8th, 2025

9:20 – 10:20 Friday Morning Session 12 11:00 – 12:20 Friday Morning Session 13

12:20 – 13:00 Closing & Remarks



Oral Contributions: Monday August 4th, 2025

Oral Session 1: Chair Udo D. Schwarz

- 14:00 Franz J. Giessibl, qPlus, quo vadis?
- 14:20 Remy Pawlak, Synthesis of Radical Spins in Kagome Graphene
- 14:40 **En Li**, Designer Polyradical Nanographenes with Strong Spin Entanglement and Perturbation Resilience via Clar's Goblet Extension
- 15:00 **Philipp Wiesener**, Surface- and Step-Edge Functionalization by N-Heterocyclic Carbenes

Oral Session 2: Chair Mengxi Liu

- 16:00 **Szymon Godlewski**, On-Surface Synthesis with Hydrogen Atoms
- 16:20 **Qi Zheng**, Direct Synthesis of Vinylene-Linked Conjugated Polymers by Selective Methyl/Methylene C-H Activation on Gold Surfaces
- 16:40 **Miguel Wiche**, Temperature Induced On-Surface Ring-Opening Polymerization Reaction for the Synthesis of Nanoribbons: Strain Influence of Cycloparaphenylenes
- 17:00 Qitang Fan, On-Surface Synthesis of Fused Azulenes with Giant Dipoles
- 17:20 **Melissa Hankache**, Dibenzothiophene S-Oxide Molecules Investigated on Metallic and Insulating Substrates by LT-SPM



Oral Contributions: Tuesday August 5th, 2025

Oral Session 3: Chair Alexander Schwarz

- 9:20 **Omur E. Dagdeviren**, Direct Measurement of the Ehrlich-Schwoebel Barrier and Herringbone Potential Energy Fluctuations via Three-Dimensional Atomic Force Microscopy
- 9:40 **Longfeng Huang,** Revealing the Electronic Structure of a Hybrid Graphene-Biphenylene Nanoribbon Family
- 10:00 **Wyatt Behn**, Heterotriangulene Kagome Graphene Films: Growth and Effect of Kinetic Reaction Parameters

Oral Session 4: Ruslan Temirov

- 11:00 Percy Zahl, Magnetic Coupling in GNR QDs & Looking Beyond
- 11:20 **James Lawrence**, Using On-Surface Synthesis to Combine High-Spin Trapezoidal Molecules into Covalently Coupled Open- and Closed-Shell Dimers
- 11:40 Jungseok Chae, Spin Force Detection of a Single Rare Earth Atom on Surface

Oral Session 5: Chair Szymon Godlewski

- 13:40 Alfred John Weymouth, Sliding Friction over Individual Covalent Bonds Correlates with Bond Order
- 14:00 Shuyu Huang, Moiré Energy Dissipation Driven by Nonlinear Dynamics
- 14:20 **Mengxi Liu**, Coupled Peeling and Sliding of Ladder Phenylenes on Au(111) Studied by nc-AFM Force Spectroscopy
- 14:40 Yiming Song, Frictional Energy Dissipation of Polycrystalline van der Waals Material
- 15:00 **Aaron Coe**, Dissipative Dynamics in Quantum Materials Using a mK Scanning Probe Microscope

Oral Session 6: Chair Rémy Pawlak

- 16:00 **Laerte Patera**, Steering Interfacial Molecular Self-Assembly by Substrate-Molecule Charge Transfer
- 16:20 **Hariom Birla**, Thermal and Photo-Driven Switching of Azobenzene Derivatives on Graphite: Anomalous One-Dimensional Cascade Effect



- 16:40 **Jinliang Pan**, Atom-Scale View of Ni₂ Cluster Catalyst for CO₂ Low-Temperature Dissociation by STM and AFM
- 17:00 Kota Iwata, Force-Induced Inversion of Bowl-Shaped Molecule Sumanene
- 17:20 Maximilian Halbauer, Probing the Elastic Response within a Single Molecule



Oral Contributions: Wednesday August 6th, 2025

Oral Session 7: Chair Yoshiaki Sugimoto

- 9:20 **Udo D. Schwarz**, Quantitative Comparative Force Spectroscopy on Molecules
- 9:40 **Tim Dierker**, Systematic Lateral and Vertical Manipulation of PTCDA on the Ag(111) Surface for Scanning Quantum Dot Microscopy Tip Functionalization
- 10:00 **Ruslan Temirov**, Field Emission from Single-Crystal Diamond Nano-Needles in NC AFM

Oral Session 8: Chair Yoichi Miyahara

- 11:00 **Toshu An**, Development of a Scanning Nitrogen Vacancy Magnetometry Probe Combined with a Tuning-Fork-Based AFM
- 11:20 **Akitoshi Shiotari**, Noncontact-AFM-Based Scanning Near-Field Optical Microscopy
- 11:40 **Yasuhiro Sugawara**, Optical Imaging of a Single Molecule with Subnanometer Resolution by Photoinduced Force Microscopy

Oral Session 9: Chair Rubén Pérez

- 13:40 **Minghui Dong**, Atomic-Scale Observation of Adsorption, Activation and Dissociation of CO₂/CO on Single-Atom Catalyst using STM and Nc-AFM
- 14:00 Yuuki Adchi, Force-Based Reading and Writing of Single-Atom Magnets
- 14:20 Luca Lezuo, NC-AFM Studies of the CaSiO₃ (100) Surface with Adsorbed CO₂ and H₂O
- 14:40 **Jan Balajka**, Surface Reconstruction of the Polar Spinel MgAl₂O₄(001)
- 15:00 **Jiani Hong**, Controlled Formation of Ferroelectric Proton Ordering in Heteroepitaxial Ice Films

Oral Session 10: Chair Kazuki Miyata

- 16:00 **Oleg Kolosov**, 3D Nanoarchitecture of Battery Interfaces: From Molecular Arrangements to the Nanostructures via Multimodal NC-SPM
- 16:20 **Yilin Wang**, Molecular-Scale Visualization of Solvation Structures of LiTFSI-PC Electrolyte on a Heterogeneously Charged Surface by Frequency Modulation Atomic Force Microscopy



- 16:40 **Haohui Zhang**, Visualizing Bias-Dependent Changes in Ionic Liquid-SrTiO₃ Interface Structures by 3D Scanning Force Microscopy
- 17:00 **Yuto Nishiwaki**, Two-Body Interaction in Molten Metals and Its External Field Response Analyzed by Atomic Force Microscopy
- 17:20 **Shiho Moriguchi**, Molecular-Scale Structure and Friction Properties of Organic Modifiers over the Metal-Lubricating Oil Interface
- 17:40 **Alexis S. Borowiak**, Controlling the Membrane Potential and Stiffness of Cancer Cells via Ferroelectric Surfaces



Oral Contributions: Thursday August 7th, 2025

Oral Session 11: Chair Adam Foster

- 9:20 Zhen Zhu, Quantitative Assessment of Catalytic Site Activity via nc-AFM
- 9:40 **Jie Huang**, Crossing the Simulation-Experiment Gap: Style Translation for Enhanced Atomic Structure Discovery from AFM Images
- 10:00 **Ruben Perez**, Identifying Ce³⁺ Sites at the CeO₂ (111) Surface with Water and AFM Imaging
- 10:20 **Niko Oinonen**, Advancing Scanning Probe Microscopy Simulations: A Decade of Development in Probe-Particle Models
- 10:40 Pavel Jelinek, Theoretical View on 'Subatomic' Contrast on Cu Adatom with CO-Tip



Oral Contributions: Friday August 8th, 2025

Oral Session 12: Chair Thilo Glatzel

- 9:20 **Delek Yildiz**, Direct Electrostatic Imaging of Nanoscale Superconducting Channels at LAO/STO Interface via In-Situ Ultra-Low-Temperature AFM
- 9:40 **Nicolaj Betz**, Dynamics of Individual Paramagnetic Spins Detected with Magnetic Exchange Force
- 10:00 **Yoichi Miyahara**, Fast, Stable Vacuum-Compatible Kelvin Probe Force Microscopy for Moiré Electric Potential Imaging

Oral Session 13: Chair Alfred John Weymouth

- 11:00 **Paul Laubrock**, PTCDA on Calcite(104) Unveiling Strong Anchoring by Sub Molecular Imaging and Single Electron Charging Experiments
- 11:20 **Megan Cowie**, Self-Excitation of qPlus Cantilevers by Charge Trapping at the Silicon Surface
- 11:40 **Alexander Schwarz**, The Formation and Morphology of Magnetic Domains on Trampoline-Shaped La_{0.7}Sr_{0.3}MnO₃ Microstructures Grown on SrTiO₃(110)
- 12:00 **Hans Josef Hug**, Combined MFM/KPFM at the Ultimate Sensitivity Limit for Probing Curvature-Engineered Micromagnetic States



Poster Contributions: Monday August 4th, 2025

Candidate for the Best Poster Award

Poster Session A: Evening: Chair Yuki Araki

- P1 Alexis S. Borowiak, Applying an Electrical Field Gradient to Living Cells via Ferroelectric Boundaries
 - **P2** Alexis S. Borowiak, Nuclear Membrane Mechanical Statistical Analysis of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes
- **P4** Yicheng Huang, Collective Magnetism of Spin Coronoid via On-Surface Synthesis
 - **P6** Yuuki Yasui, Chemical Structure of Molecules in Topographic Images
- 🧚 P8 🛮 Xin Li, Molecular Mechanical Memory Based on Fractal Sierpiński Triangles
 - **P10 Benjamin Scheffel**, Ge(CH₂I)₄ on Si(100): Generating a Tip-Facing Carbon Radical for Non-Planar Chemistry
- P12 Daniel Rothhardt, Intramolecular Cyclization of Helicenes towards Non-Benzenoid Nanographenes via Formation of Radicals
 - P14 Thilo Glatzel, Chemical Coordination Induced Fullerene Dimers on Hot Pt(111)
- P16 Kohei Nishijima, Characterization and Single-Molecule Reactions of Trioxosumanene /Au(111)
 - P18 Kota Iwata, Organic Molecules in Asteroid Ryugu Characterized by AFM
- **P19 Donglin Li**, Frustration-Induced Many-Body Degeneracy in Spin -1/2 Molecular Quantum Rings
- P22 Kewei Sun, On-Surface Synthesis of Heisenberg Spin-1/2 Antiferromagnetic Molecular Chains
 - **P24 Hironobu Hayashi**, Surface-Assisted Reactions of p-Dihalobenzene-Based Precursors for Armchair-Type Graphene Nanoribbons
- P26 Daniel Jacob, Ultrafast AFM with Femtosecond Time Resolution for Study of Nonlinear Optical Metamaterials and 2D π-Conjugated Polymer Excitation Dynamics
 - **P28** Jonathan Myall, Characterizing a Reversible, 3D, Three-State Molecular Switch
- **P30 Yuejian Zhang**, Atomic Visualization of Structure and Growth of Two-Dimensional Clathrate Hydrate
- **P32** Marcos Penedo, OpenSPM: A Modular Framework for Open and Smart Microscopy
 - **P34 Ruslan Temirov**, A Millikelvin STM/AFM Powered by an Adiabatic Demagnetization Refrigerator



- P36 HuanFei Wen, Characterization of Microwave Power and Frequency on Chip by Scanning Probe Microscopy
- 🧚 P38 🛮 Xianzheng Liu, An Ion Soft-landing Apparatus
- P40 Zeinab Eftekhari, Synchronized Modulation Kelvin Probe Force Microscopy for Surface Photovoltage Studies in Optoelectronic Systems
- 🧚 P42 Tetsu Tamura, Photothermal Nanoimaging using Two-Photon Excitation
 - **P44 Romain Amyot**, BioAFMviewer: Towards Automation in Analysis and Interpretation of AFM Data of Biomolecules
- **P46 Dwi Prananto**, Development of Focused Ion Beam-Fabricated Scanning Diamond Nitrogen-Vacancy Center Probes beyond the Optical Diffraction Limit Resolution
- **P48 Tomohiro Shigeno**, Development of a Work-Detection Method for Transient Phenomena using Atomic Force Microscope
 - **P50 Wagatsuma Yuya**, Heterodyne Detection in KPFM: A Comparative Evaluation of Imaging Techniques
- P52 Koki Takikawa, Fabrication of Highly Sensitive TERS Probes using Focused Ion Beam
 - **P54 Yoichi Miyahara**, Frequency and Damping Noises of a Mechanical Oscillator with Optomechanically Modified Effective Quality Factor
- P56 Ekaterina Ulyanov, Progress towards Time-Resolved Non-Contact Atomic Force Microscopy for Study of Two-Dimensional Organic Conjugated Polymers
 - **P58 Toyoko Arai**, Development of Infrared Spectroscopy Based on Frequency Modulation AFM
- P60 Yuta Okabe, Finishing of Flame-Etched Tungsten Tips for AFM via Quick Post-Treatments
 - P62 Hiroshi Itoh, 3D Image Reconstruction Method with Multiple Probes
- 🏲 P64 Sophia Emilia Schweiss, Lateral Force Microscopy Study of Copper Oxide
- P66 Masahiro Nakayama, Energy-Level Alignment of Ru Complex on SAM Films Probed by Frequency-Modulation EFM Combined with Fowler-Nordheim Tunneling Spectroscopy
 - **P68 Antoine Hinaut**, Borophene hBN Lateral Heterostructure: Mechanical, Electronic and Frictional Properties
- **P70** Keita Nishida, Calculation of Dynamic Stiffness of Cantilever in Torsional Motion
 - P72 Norio Okabayashi, Dissipative Dynamics in Single-Molecule Manipulation
 - **P74 Callum Hayward**, Comparison of Methods for Recovery of Atomic Scale Lateral Forces from Torsional Mode NC-AFM



- **P75 Callum Hayward**, Measuring the Force Needed to Roll a Fullerene Molecular Manipulation of C_{60} on Si(100) 2 \times 1 at Room Temperature
- **P78 Omur Dagdeviren**, Toward Consistent and Reproducible Tip-Sample Force Reconstruction in Dynamic Atomic Force Microscopy Omur Dagdeviren



Poster Contributions: Tuesday August 5th, 202

Candidate for the Best Poster Award

Poster Session B: Evening: Chair Hironobu Hayashi

- P3 Marco Weiss, Exploring the Toroidal Shape of Holmium and Gadolinium as Appearing in gPlus NC-AFM with CO Terminated Tips
 - **P5** Ivan Stich, Synthesis of Reactive Oxygen Species on Rutile TiO₂(110) Surface by Atomic Force Microscopy: Superoxide and Ozone Molecules
- P7 Yuuki Yasui, Ad-Dimer Structure of Diamond (001) Surfaces in Atomic Resolution
 - **P9 Eiichi Inami**, Atomic and Electronic Characterization of Lattice-Work Structure on Rutile TiO₂(001) via AFM, KPFM, and STM
- **₱ P11 Jannik Evers**, Revealing Atomic Structures and Imaging Modes on Anatase TiO₂ (101)
 - **P13** Quanzhen Zhang, Controllable Construction and Electronic Properties Investigation of Two-Dimensional TMDs Heterojunction
 - **P15 Gui Sheng Zeng**, Epitaxial Growth of Low-Surface-Roughness Single-Crystal Germanium Thin Films by Unbalanced Magnetron Sputtering
- **P17 Zhuojun Jiang**, Mapping Nonlinear Optical Susceptibility of Exfoliated Monolayer WS₂ with Fast Spatially Resolved Noise Measurement
 - P20 Jannik Evers, Electrostatic Characterization of Tips for NC-AFM
- **P21 Qiang Zhu**, Directly Revealing Charge-Induced Molecular Dissociation and the Reactivity of the Reconstructed Structure at the Atomic Scale
- ▶ P23 Laurens Mandemaker, Photo-Induced Force Microscopy and Quantitative

 Nanomechanical Mapping to Understand Nanoplastics Settling the Baby-Bottle

 Debate
 - P25 Nobuyuki Ishida, Operando band visualization of III-V infrared sensor using UHV-KPFM
- **№ P27 Adam Czarnecki**, Si-SiO₂ Interface Defect Density Characterization by fm-AFM
- **P29 Takeshi Susowake**, Determination of the Sample-Intrinsic Work Function on a Gold Surface using Voltage-Pulse Scanning Probe Microscopy
- **P31 Zongmin Ma**, Topography and Localized Charge of Steps on CeO₂(111) Investigated by AFM/KPFM
 - **P33 Makoto Ashino**, Carrier Density Mapping on Graphene Nanoflakes to Explore Their Internal p-n Junctions
- **P35** Ryota Fukuzawa, Parallel Plate Approximation in Electrostatic Force Microscopy



- **P37 Kohei Yamasue**, Nanoscale Imaging of Buried MOS Interface Charge States by Time-Resolved Scanning Nonlinear Dielectric Microscopy
- **P39 Tomoko K. Shimizu**, Characterization of Metal Organic Framework Thin Films using Atomic Force Microscopy and Nano-FTIR Spectroscopy
- **P41 Yuuki Adachi**, Probing the Spin Spiral in Fe Chains on Ir(001) using Magnetic Exchange Force Microscopy
- **P43 Yuto Suzuki**, Surface Potential Measurement at MoS₂/g-C₃N₄ Heterojunction under Light Illumination
 - **P45 Massimiliano Labardi**, Local Dielectric Spectroscopy for Nanoscale Mapping of Amorphous/Crystalline Phase in Semicrystalline and Nanostructured Polymers
- **P47 Sean Chen**, Probing the Persistent Photoresponse in WS₂ using Kelvin Probe Force Microscopy
 - **P49 Takuji Takahashi**, Time-Resolved Photo-Assisted Kelvin Probe Force Microscopy on Cu(In,Ga)Se₂ Solar Cells
- **P51 Guilherme Caumo**, Atomic Force Microscopy as a Probe of Quantum Vacuum Fluctuations
- P53 Catherine Boisvert, Quantifying Nanoparticles via Single-Electron Tunneling in e-EFM
 - **P55 Yuji Miyato**, Thermoelectric Potential Distributions of Zinc Oxide Nanowire Composites Investigated by FM-KFM
- **P57 Taiki Oka**, Sub-Nanoscale Structural Analysis of Corrosion Protection Film for Copper Fine Wires on Semiconducting Devices by In-Liquid AFM
 - **P59 Pranav Sudersan**, Non-Contact Operation of Scanning Probe Microscope Mediated by Capillary Condensation in Humid Environment
- **P61 Shuji Tokitoh**, Interfacial Solvation Structure Analysis of Ionic Liquid/Water Mixtures by qPlus AFM
 - **P63 Jaime Colchero**, Noise in nc- Dynamic Atomic Force Microscopy in Humid Environment
- **P65** Zhengxi Lu, FM-AFM on Ice—Brine Interface at Sub-Zero Temperature
 - P67 Hiroaki Ooe, Comparative FM-AFM Observations of PDMS on HOPG in Liquid and Air
- P69 Gilbert Lamtecson Pado, FM-AFM Study on the Adsorption and Intercalation States of Polyoxyethylene Stearyl Ether in Carbon Nanotube Network
 - **P71** Yuki Araki, Effects of Humidity and Water Immersion on the Mechanical Properties of Silica Glass Surfaces



- **P73 Voni Fulitasari**, Probing the Stability of Trisodium Citrate Dihydrate Adsorption on NaCl in Ethanol
 - P76 Masahiro Fukuda, Regional Chemical Potential Analysis for Atomic Force Microscopy
 - P77 Farzin Irandoost, Pattern Recognition in NC-AFM Images in Liquid
- **P79** Harshit Sethi, Machine Learning for Tip Enhanced Raman Spectroscopy of Molecular Quantum Materials
 - **P80 Masayuki Abe**, Al-Equipped Scanning Probe Microscopy for Self-Driving Measurements at Room Temperature



Satellite Workshop Contributions: Monday August 4th, 2025

Satellite Workshop Session 0: Chair Kei Kobayashi

- 9:30 **Koji Koyama**, Two-Inch High-Quality (001) Diamond Heteroepitaxial Growth on Sapphire Substrate
- 10:00 Yasuhiko Fujita, Nanowire-Based AFM Vibrational Nano-Spectroscopy
- 10:30 Kei Noda, Kelvin Probe Force Microscopy Measurements of Graphitic Carbon Nitrides
- 10:50 **Makoto Ashino**, Observation of Photovoltaics and Dynamic Changes on Graphene Nanoflakes by Frequency-Modulated Kelvin Probe Force Microscopy
- 11:10 **Jaime Colchero**, Non Contact Dynamic Atomic Force Microscopy in Humid Environment
- 11:30 **Rocky Nguyen**, Enabling Moiré and Atomic Lattice Imaging in 2D Materials with Torsional Force Microscopy
- 11:50 **Yukinori Taniguchi**, Accurate Nano-Mechanical and Nano-Electromechanical Measurements using Interferometric AFM

Satellite Workshop Programme

	Monday			
Time	4th August			
9:25~9:30	Opening			
9:30~10:00	K. Koyama			
10:00~10:30	F. Fujita			
10:30~10:50	K. Noda			
10:50~11:10	M. Ashino			
11:10~11:30	J. Colchero			
11:30~11:50	R. Nguyen			
11:50~12:10	Y. Taniguchi			
12:10~12:15	Closing			



NC-AFM 2025 Programme

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Time	3rd August	4th August	5th August	6th August	7th August	8th August
9:00~9:20						
9:20~9:40			O. E. Dagdeviren	U. D. Schwarz	Z. Zhu	D. Yildiz
9:40~10:00			L. Huang	T. Dierker	J. Huang	N. Betz
10:00~10:20		W. Behn	R. Temirov	R. Perez	Y. Miyahara	
10:20~10:40		Satellite Coffee Break (Foyer)		N. Oinonen	Coffee Break	
10:40~11:00		Workshop	rkshop Collee Break (Poyer)		P. Jelinek	(Foyer)
11:00~11:20			P. Zahl	T. An		P. Laubrock
11:20~11:40			J. Lawrence	A. Shiotari		M. Cowie
11:40~12:00			J. Chae	Y. Sugawara		A. Schwarz
12:00~12:20		Lunch	Lunch	Lunch	Firm	H. J. Hug
12:20~12:40		(not officially	(not officially provided)	(not officially	Excursion: Bus:	Closing &
12:40~13:00		provided)	Scienta Omicron	provided)	Gokayama	Remarks
13:00~13:20			Luncheon Seminar		Gassho Style or	
13:20~13:40			(max 50)		cargo ship:	
13:40~14:00		Opening	A. J. Weymouth	M. Dong	Old town	
14:00~14:20		F. J. Giessibl	S. Huang	Y. Adachi	or Walking:	
14:20~14:40		R. Pawlak	M. Liu	L. Lezuo	Toyama City	
14:40~15:00		E. Li	Y. Song	J. Balajka		
15:00~15:20		P. Wiesener	A. Coe	J. Hong		
15:20~15:40		Co	offee Break (Foyer)			
15:40~16:00			oonee Break (Foyer)			
16:00~16:20	Reception,	S. Godlewski	L. Patera	O. Kolosov		
16:20~16:40	Open (Foyer)	Q. Zheng	H. Birla	Y. Wang		
16:40~17:00	(Foyer)	M. Wiche	J. Pan	H. Zhang		
17:00~17:20		Q. Fan	K. Iwata	Y. Nishiwaki		
17:20~17:40	Welcome	M. Hankache	M. Halbauer	S. Moriguchi		
17:40~18:00	party One-minute programmer for Best Pos			A. S. Borowiak		
18:00~18:20	(Foyer)	Poster A	Poster B	Free		
18:20~18:40		(Foyer)	(Foyer)	1		
18:40~19:00				Steering		
19:00~19:20				Committee		
19:20~19:40				Meeting	Conference	
19:40~20:00					Dinner (Grand	
20:00~20:20					Plaza)	
20:20~20:40						
20:40~21:00						

LOCATIONS: All presentations (oral and poster), coffee breaks, Welcome party, and opening/closing ceremonies (unless otherwise indicated) will be held at Middle Hall of Toyama Aubade Hall.

Address: 9-28 Ushijima-machi, Toyama City 930-0858 Japan