

The 18th International Meeting on Boron Chemistry (IMEBoron-18)

Program and Abstracts

Sept 6 (Sun) - Sept 10 (Thu), 2026

at Institute of Science Tokyo



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Anniversary



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A Century of Scholarly Achievements

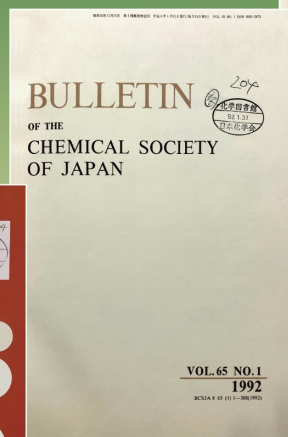
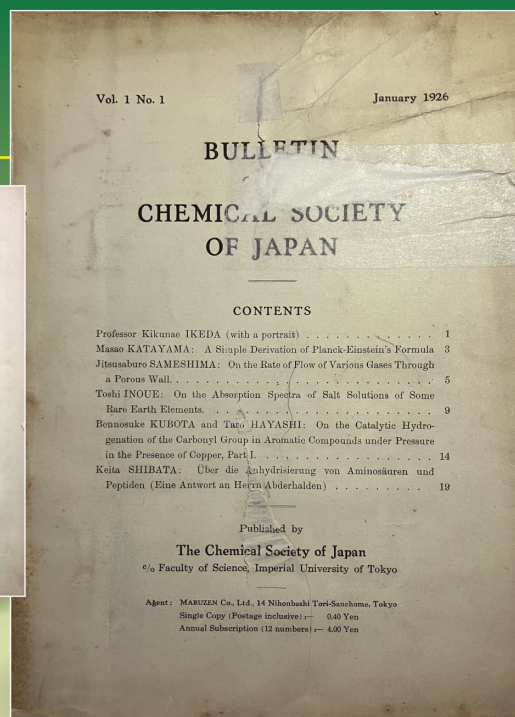
A photo of Dr. Kikunae Ikeda in the first issue of BCSJ.



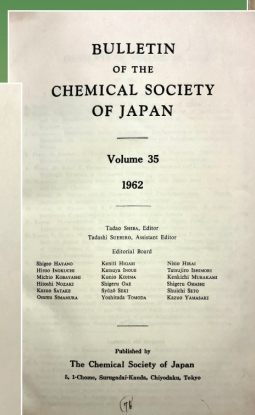
Photo: KOJI OKUMURA
(Forward Stroke)

The Bulletin of the Chemical Society of Japan (BCSJ) was founded in 1926 as a pioneering chemistry journal publishing in both English and German. Since then, BCSJ has been publishing significant work spanning various fields of chemistry, except for the years 1945 and 1946. The 100th volume will appear in 2027.

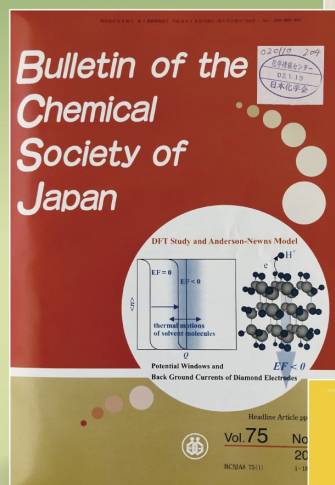
First Issue
1926



vol.65/no.1/1992



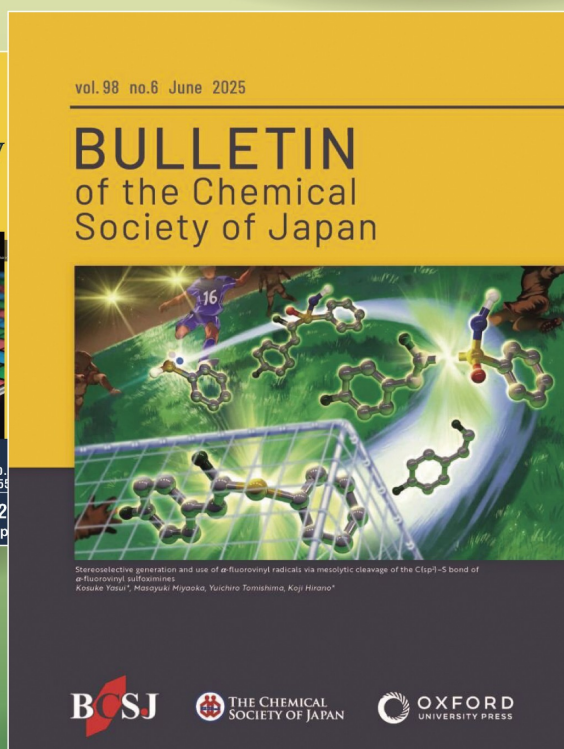
vol.35/1962



vol.75/no.1/2002



vol.95/no.3/2022



vol.98/no.6/2025

Volume 100 in
2027!



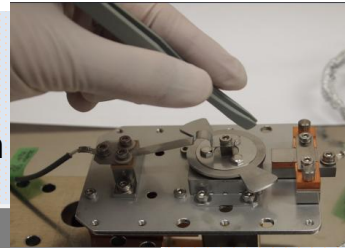
Sharing innovation moments with **vacuum technology** & **glove box technology**

ALS Technology Co., Ltd.

Rotary Kelvin Probe system **RKP-1**

Realizing high-precision, real-time measurement of work function and surface potential ! **Main applications**

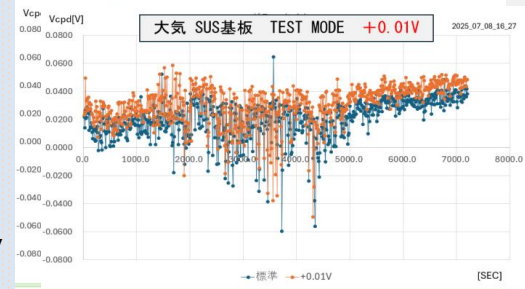
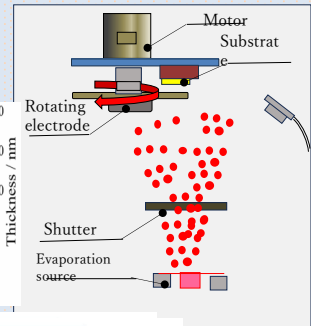
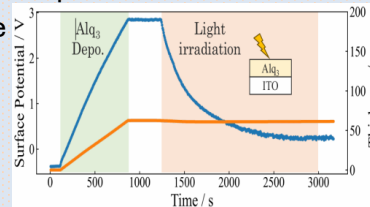
- Measuring the work function (Fermi level) of clean metal and semiconductor surface
- Real-time measurement of the surface potential of organic semiconductors during deposition



- High-resolution measurement using a high-precision rotating electrode
- Can be used in vacuum • No influence from the atmosphere, stable measurement possible
- Achieves real-time measurement of work function and surface potential during deposition, which is difficult to do with vibration type
- It is possible to evaluate band bending at heterointerfaces and orientation polarization of polar molecular deposition films.

New features ! TEST MODE

- The error in Vcpd measurements value can be measured in real time and checked with high accuracy.
- With the RKP-1, the measured Vcpd value at 5mV that an accuracy error was approximately 0.6mV .
It was confirmed less than 1% could be evaluated at 10mV or higher



Glovebox **Sagami**

Compact with high performance

- Affordable price
- Newly developed compact gas circulation purifier
Oxygen concentration $\leq 1\text{PPM}$ Dew point $\leq 1\text{PPM}$ (below -76°C)
Automatic regeneration by PLC
- High safety against N₂
• In the unlikely event of an N₂ gas leak, the main valve is automatically shut off.
• The inside N₂ pressure is automatically controlled (APC)
- The inside of the front resin panel is specially coated.
Improved solvent resistance and anti-static properties.
- Expandability
Can be connected to vacuum systems.
- Optional : Freezer, Air conditioner, Activated carbon trap etc



Welcome Message

The 18th International Meeting on Boron Chemistry (IMEBoron-18) is held during September 6-10, 2026, on the Ookayama Campus of the Institute of Science Tokyo.

This triennial meeting was inaugurated in 1971 in Czechoslovakia and has since convened 17 times as a premier international forum for the molecular science of boron. Following the 2005 meeting hosted by Professor Yoshinori Yamamoto (Tohoku University) in Sendai, the conference has not been held in Japan. Thanks to the International Advisory Committee, I am organizing the 18th meeting at the Institute of Science Tokyo (formerly known as the Tokyo Institute of Technology). It is our great pleasure to welcome all of attendees to the center of Tokyo, one of the most exciting international cities.

Years and Host Cities (IMEBoron 1–17)

1971	Prague, Czechoslovakia	1999	Durham, UK
1974	Leeds, UK	2002	Moscow, Russia
1976	Munich, (West) Germany	2005	Sendai, Japan
1979	Salt Lake City, USA	2008	Platja d'Aro, Spain
1983	Wales, UK	2011	Niagara Falls, Canada
1987	Bechyne, Czechoslovakia	2014	Prague, Czech Republic
1990	Torun, Poland	2017	Hong Kong, China
1993	Tennessee, USA	2023	Rennes, France
1996	Heidelberg, Germany		

Historically, this IMEBoron has attracted many internationally renowned boron chemists, including three Nobel laureates in chemistry (Herbert C. Brown, William Lipscomb, and Akira Suzuki). Similarly, we have numerous researchers who will have a broad impact on various fields of chemistry as participants in this IMEBoron-18. As the organizer, I am delighted to welcome you all to Tokyo.

I hope this meeting will provide participants with opportunities to encounter new chemistry and ideas, engage in cultural exchange, forge new friendships, and spark future collaborative research.

September, 2026
Chair of IMEBoron-18
Makoto Yamashita
Institute of Science Tokyo

International Advisory Board

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Campus map (Ookayama campus)



Wireless internet connection (Wi-Fi) at the Ookayama campus

IMEBoron-18 does not provide any particular wireless internet connection (Wi-Fi) service. Instead, you can use the "eduroam" network connection anywhere on this campus if you have already set up your "eduroam" account. If you do not have access to "eduroam", please stop by the registration desk to pick up information for a temporary "eduroam" account valid from September 6 to 12, 2026.

Floor map (Main building)

lecture room

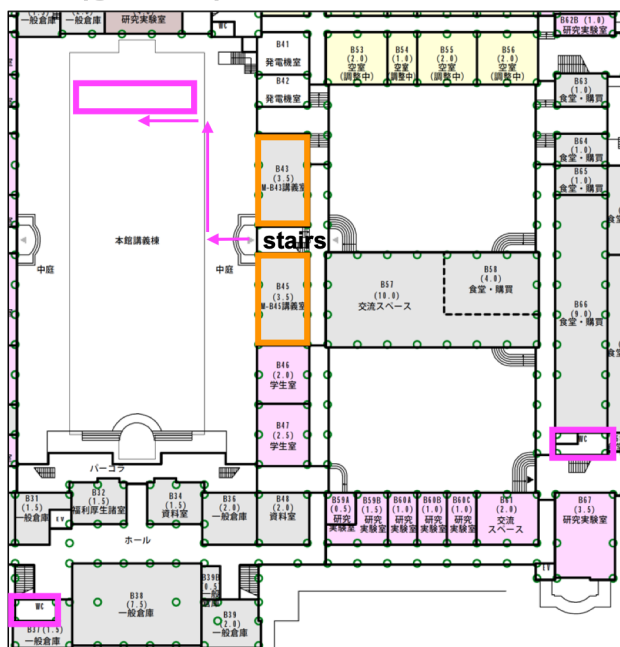
poster session

coffee break exhibition

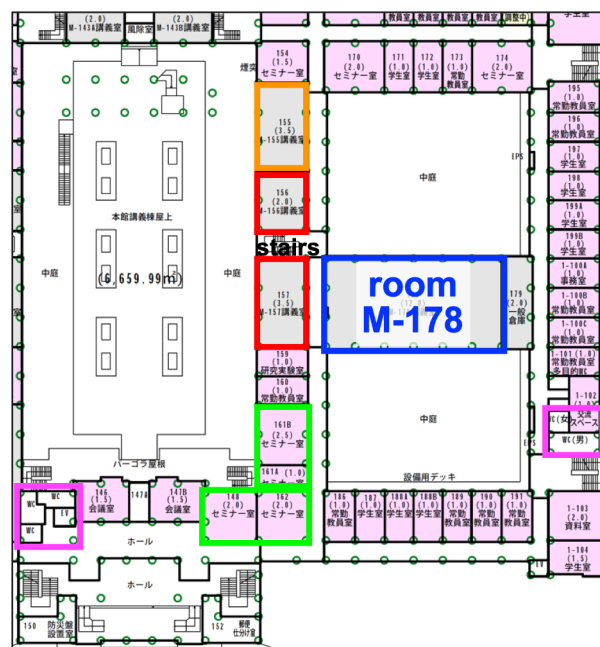
**registration
cloakroom**

restrooms

0th (ground) floor



1st floor



main entrance of building

2nd floor



IMEBoron-18 in Tokyo: Final TimeTable				Plenary: 60 min, Keynote: 30 min, Invited: 20 min, Oral: 15 min						
Date	Sept 6 (Sun)		Sept 7 (Mon)		Sept 8 (Tue)		Sept 9 (Wed)		Sept 10 (Thu)	
time			room M-178	room M-278	room M-178	room M-278	room M-178	room M-278	room M-178	room M-278
9:00			KL_A01 Kinjo	KL_B01 Yamaguchi	9:00 PL2 (room M-178) Takui Hatakeyama chair: Yamaguchi		9:00 KL_A05 Ingleson	KL_B05 Lacôte	9:00 PL3 (room M-178) Yi-Feng Wang chair: Nakamura	
			9:30 IL_A01 Spokorny	IL_B01 Ulrich			9:30 OC_A25 Ken Tanaka	OC_B25 Tajima		
			9:50 IL_A02 Gevorgyan	IL_B02 Kazuo Tanaka			9:45 OC_A26 Tan	OC_B26 Fink		
10:00			10:10 IL_A03 Bourissou	IL_B03 Bonifazi	10:00 OC_A17 Sumida	OC_B17 Mu	10:00 OC_A27 Asako	OC_B27 Messina	10:00 OC_A29 Das	OC_B29 Kaniowski
			10:30 coffee break		10:15 OC_A18 Ryo Tanaka	OC_B18 Rusconi	10:15 OC_A28 Quan	OC_B28 Gos	10:15 OC_A30 Szymańska	OC_B30 Shao
					10:30 coffee break		10:30 coffee break		10:30 coffee break	
11:00			11:00 OC_A01 Kameo	OC_B01 Farrell	11:00 IL_A07 Jäkle	IL_B07 Nishikawa	11:00 IL_A16 Chattopadhyay	IL_B16 Nomoto	11:00 IL_A19 Ye	IL_B19 Ono
			11:15 OC_A02 Steinert	OC_B02 Nishihara	11:20 IL_A08 S.-Y. Liu	IL_B08 Jemmis	11:20 IL_A17 Fontaine	IL_B17 Núñez	11:20 IL_A20 Wagner	IL_B20 Riedel
			11:30 OC_A03 Sindlinger	OC_B03 Venkatasubbaiah	11:40 IL_A09 Hall	IL_B09 Goszczyński	11:40 IL_A18 Thomas	IL_B18 Nakamura	11:40 IL_A21 Braunschweig	IL_B21 Alcaraz
			11:45 OC_A04 Hoshimoto	OC_B04 Ikeshita						
12:00	registration		12:00 lunch	IAC meeting	12:00 lunch		12:00 lunch		12:00 lunch	
1:00			1:00 KL_A02 Cui	KL_B02 Piers	1:00 KL_A03 Morken	KL_B03 Nowak-Król	1:00 excursion		1:00 KL_A06 Gillard	KL_B06 Planas
			1:30 OC_A05 Kirchner	OC_B05 Marek-Urban	1:30 OC_A19 Légare	OC_B19 Zhang			1:30 OC_A31 Andruszak	OC_B31 Cebula
			1:45 OC_A06 Pranckevicius	OC_B06 Takano	1:45 OC_A20 Lu	OC_B20 Mostaghimi			1:45 OC_A32 Huninik	OC_B32 Selg
2:00			2:00 OC_A07 Konrad	OC_B07 Frath	2:00 OC_A21 Kulcsar	OC_B21 Barba-Bon	2:00		2:00 IL_A22 Shoji	IL_B22 Lee
			2:15 OC_A08 Wojnowski	OC_B08 Barthelmes	2:15 OC_A22 Pajić	OC_B22 Walkowiak (changed)			2:20 IL_A23 Aldridge	IL_B23 Xie
			2:30 coffee break		2:30 coffee break				2:40 IL_A24 Finze	IL_B24 Jin
3:00			3:00 IL_A04 Ozerov	IL_B04 Agou	3:00 KL_A04 Ghosh	KL_B04 Nau	3:00		3:00 closing	
			3:20 IL_A05 Wang	IL_B05 Helten						
			3:40 IL_A06 Berionni	IL_B06 Poater	3:30 IL_A10 Rivard	IL_B10 Ruzicka				
4:00			4:00 OC_A09 Grubba	OC_B09 Paskan	3:50 IL_A11 Himmel	IL_B11 Sauerwein	4:00		4:00	
			4:15 OC_A10 Prokofjevs	OC_B10 Ohkura	4:10 IL_A12 Santos	IL_B12 Hey-Hawkins				
	opening		4:30 coffee break		4:30 coffee break					
5:00	PL1 (room M-178) Holger Bettinger Chair: Yamashita		5:00 OC_A11 Kawachi	OC_B11 Jakubowski	5:00 IL_A13 Cho	IL_B13 Olejniczak	5:00			
			5:15 OC_A12 Skoch	OC_B12 Nishii	5:20 IL_A14 Ge	IL_B14 Deagostino				
			5:30 OC_A13 Mitsudo	OC_B13 Sivaeu	5:40 IL_A15 Panda	IL_B15 Z. Liu				
			5:45 OC_A14 Oliva-Enrich	OC_B14 Druzina						
6:00	Katchem (sponsor) Welcome buffet		6:00 OC_A15 Sadowski	OC_B15 Kelemen	6:00 OC_A23 Mutoh	OC_B23 Boreski	6:00			
			6:15 OC_A16 Ponich	break (withdrawn)	6:15 OC_A24 Ashwathappa	OC_B24 Neubert				
			6:30 poster session P1-01–P1-48		6:30 poster session P2-01–P2-48		banquet			
7:00			7:00	IAC dinner	7:00		7:00			
8:00			8:00		8:00		8:00			
							9:00			

September 6 (Sun), 2026

12:00 am - 4:30 pm, Registration (Main building)

4:30 pm - 5:00 pm, Opening

5:00-6:00 pm, **room M-178, PL1** (chair: Makoto Yamashita)

Photoisomerization of BN-Benzenes for Energy Storage

Holger Bettinger (Universität Tübingen, Germany)

6:00-6:05 pm, room M-178, sponsor presentation

Martin Paškan (Katchem spol. s r. o.)

6:05-8:00 pm

Welcome Buffet@Tsubame Terrace

September 7 (Mon), 2026

room M-178 (chair: Cui, Wang)	room M-278 (chair: Piers, Agou)
9:00-9:30 am, KL_A01 Synthesis and Properties of Electron-rich Boron-containing Rings Rei Kinjo (Nanyang Technological University, Singapore)	9:00-9:30 am, KL_B01 Environmentally Responsive Main-Group Fluorophores Shigehiro Yamaguchi (Nagoya University, Japan)
9:30-9:50 am, IL_A01 Redox-Active Boron Clusters Alexander Spokoyny (UCLA, USA)	9:30-9:50 am, IL_B01 Optimizing the BODIPY for efficient emission in the near-infrared Gilles Ulrich (ICPEES CNRS, University of Strasbourg, France)
9:50-10:10 am, IL_A02 Selected Approaches Toward Organoboron Compounds Vladimir Gevorgyan (University of Texas at Dallas, USA)	9:50-10:10 am, IL_B02 Development of Stimuli-Responsive Luminochromic Materials Based on Boron Clusters Kazuo Tanaka (Kyoto University, Japan)
10:10-10:30 am, IL_A03 How Ambiphilic Ligands Shape Gold Chemistry ? Didier Bourissou (CNRS - Toulouse University, France)	10:10-10:30 am, IL_B03 Optoelectronic Management in Molecular Graphenoids through BN Doping Davide Bonifazi (University of Vienna, Austria)

10:30-11:00 am, Coffee break

room M-178 (chair: Ozerov, Wang)	room M-278 (chair: Helten, Poater)
11:00-11:15 am, OC_A01 Accessing Unconventional Ir(-I)/Ir(I) Redox Catalysis through Z-Type Borane Ligation Hajime Kameo (Osaka Metropolitan University, Japan)	11:00-11:15 am, OC_B01 π -Extension Approaches to Boron-Doped Polycyclic Aromatic Hydrocarbons Jeffrey M. Farrell (National Taiwan University, Taiwan)
11:15-11:30 am, OC_A02 Tetrakis(perfluoroalkyl)borates Bastian Steinert (Julius-Maximilians-Universität Würzburg, Germany)	11:15-11:30 am, OC_B02 Push-Pull Engineering of Tetraarylethene Derivatives for Tunable Aggregation-Induced Emission Yasushi Nishihara (Okayama University, Japan)
11:30-11:45 am, OC_A03 Novel Boracyclopentadienes (Boroles) - Synthesis and Application in Coordination Chemistry Christian Sindlinger (University of Stuttgart, Germany)	11:30-11:45 am, OC_B03 N,C- and O,S-Chelated Fluorescent Organoboranes: Synthesis and their Optical Properties Krishnan Venkatasubbaiah (National Institute of Science Education and Research, India)
11:45-12:00 am, OC_A04 An Isolated Lithium ortho-Carboranyl Cuprate Complex for the Synthesis of Multiple-Carborane-Substituted Arenes from (Hetero)Aryl Bromides and Chlorides Yoichi Hoshimoto (The University of Osaka, Japan)	11:45-12:00 am, OC_B04 Multi-Stimuli-Responsive Circularly Polarized Luminescence Materials Based on Chiral Boron Difluoride Complexes Masahiro Ikeshita (Nihon University, Japan)

12:00 am-1:00 pm, Lunch@Tsubame Terrace

room M-178 (chair: Kinjo, Spokoyny)	room M-278 (chair: Yamaguchi, Ulrich)
1:00-1:30 pm, KL_A02 N-heterocyclic boryl-substituted low valent silicon compounds Chunming Cui (Nankai University, China)	1:00-1:30 pm, KL_B02 Positional Isomers of BN-Doped Indeno[1,2-b]fluorenes: Comparative Properties Warren Piers (University of Calgary, Canada)
1:30-1:45 pm, OC_A05 Advances in Borylene-Based Dinitrogen Activation Maximilian Kirchner (Julius-Maximilians-Universität Würzburg, Germany)	1:30-1:45 pm, OC_B05 Interplay of heavy atom and donor-acceptor strategies in BODIPY triplet photosensitizers design Paulina Halina Marek-Urban (Ritsumeikan University, Japan)
1:45-2:00 pm, OC_A06 Isolation and reactivity of a monatomic boron(0) complex Conor Prancevicius (University of British Columbia Okanagan, Canada)	1:45-2:00 pm, OC_B06 Synthesis and Properties of Highly Strained Cyclic BODIPYs Hideaki Takano (Nagoya University, Japan)
2:00-2:15 pm, OC_A07 When the name matters: B=C=O Boraketene versus $B\equiv C=O$ Carbonyl Borylene – An analytical, computational and experimental differentiation of two isostructural compound classes Yannick Konrad (Julius-Maximilians-Universität Würzburg, Germany)	2:00-2:15 pm, OC_B07 Boranil-based molecular switches for the development of responsive supramolecular materials with enhanced chiroptical properties Denis Frath (CNRS - ENS de Lyon, France)
2:15-2:30 pm, OC_A08 Phosphinoborinium Ions: Ambiphilic Platforms for C-H and C-C Multiple-Bond Activation Tomasz Wojnowski (Gdansk University of Technology, Poland)	2:15-2:30 pm, OC_B08 Long-Lived Yet Reversible Bonds: Boronate Esters with Sub-Second to Month-Long Lifetimes in Water Kevin Barthelmes (Institute of Science Tokyo, Japan)

2:30-3:00 pm, Coffee break

room M-178 (chair: Nishikawa, Shoji)	room M-278 (chair: Kazuo Tanaka, Bonifazi)
3:00-3:20 pm, IL_A04 Highly Lewis Acidic Main Group Cations Partnered with Carborane Anions as Catalysts for Hydrodefluorination of PFAS Oleg V Ozerov (Texas A&M University, USA)	3:00-3:20 pm, IL_B04 Development of optically functional radicals based on intramolecular B–O and B–N coordination Tomohiro Agou (University of Hyogo, Japan)
3:20-3:40 pm, IL_A05 Borenum catalyzed C-H functionalization of unactivated arenes Huadong Wang (Fudan University, China)	3:20-3:40 pm, IL_B05 Boron-Doping of Porphyrins and Expanded Rylene Dyes: Combining Lewis Acidity with Redox-Switchable Aromaticity Holger Helten (Julius-Maximilians-Universität Würzburg, Germany)

3:40-4:00 pm, IL_A06 Frustrated Lewis Pairs with Boron Lewis Superacids: Small Molecules Activation and CH Borylation Reactions Guillaume Berionni (University of Namur, Belgium)	3:40-4:00 pm, IL_B06 Facile construction of novel 3D/2D boron cluster-fused hetero-polycyclic complexes Jordi Poater (Universitat de Barcelona, Spain)
4:00-4:15 pm, OC_A09 Ambiphilic Boron Cations: Synthesis, Structure, and Reactivity Rafal Grubba (Gdansk University of Technology, Poland)	4:00-4:15 pm, OC_B09 Innovative Photoinitiators for Cationic Polymerization Martin Paskan (Katchem spol. s r.o., Czechia)
4:15-4:30 pm, OC_A10 Unexpectedly Efficient CO ₂ Binding in Phosphine Borane Anions Aleksandrs Prokofjevs (North Carolina A&T State University, USA)	4:15-4:30 pm, OC_B10 Thermal Conversion of a Triethynylborane Complex into Boron-doped Carbon with Retained Structural Order Kentaro Ohkura (Okayama Univ., Japan)

4:30-5:00 pm, Coffee break

room M-178 (chair: Sindlinger, Hoshimoto)	room M-278 (chair: Nishihara, Farrell)
5:00-5:15 pm, OC_A11 Preparation and Reactions of Boron-substituted Silyllithium Atsushi Kawachi (Hosei University, Japan)	5:00-5:15 pm, OC_B11 Redox-active derivatives of [closo-B10H10]2- anion: stable radicals with tunable properties Rafal Jakubowski (Polish Academy of Sciences, Poland)
5:15-5:30 pm, OC_A12 Photophysical and catalytic properties of arylpyridine-based borenium salts Karel Škoch (Czech Academy of Sciences, Czech)	5:15-5:30 pm, OC_B12 Aromatic Halogenation Using Carborane-SMe Catalyst Yuji Nishii (The University of Osaka, Japan)
5:30-5:45 pm, OC_A13 Facile Synthesis of Boranils by Iodide-Mediated Demethylative Borylation Koichi Mitsudo (Okayama University, Japan)	5:30-5:45 pm, OC_B13 New Luminescent Carborane Derivatives – A Look at the Cage Igor B. Sivaev (Russian Academy of Sciences, Russian Federation)
5:45-6:00 pm, OC_A14 Quantum-Chemical Approach for 2D Boron Chemistry Josep M Oliva-Enrich (Instituto de Química-Física Blas Cabrera (CSIC), Spain)	5:45-6:00 pm, OC_B14 Conjugates of Polyhedral Boron Hydrides with BODIPY and their Photophysical Properties and Biological Studies Anna Aleksandrovna Druzina (Russian Academy of Sciences, Russian Federation)
6:00-6:15 pm, OC_A15 Radical-Type Arylations with Aryl Boronic Acids Mediated by Light or Electricity Bartłomiej Sadowski (University of Warsaw, Poland)	6:00-6:15 pm, OC_B15 Boron-Substituted Carboranes: Tailoring Bonding and Luminescent Properties Zsolt Kelemen (Budapest University of Technology and Economics, Hungary)

6:15-6:30 pm, OC_A16 A Novel Approach to Unsymmetrical Borinates via Chemoselective Boronic Acid Disproportionation: Reaction Scope and Mechanism Ashley Ponich (University of Alberta, Canada)	6:15-6:30 pm, OC_B16 break (withdrawn)
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6:30-8:30 pm, Poster Session 1 (P1-01 ~ P1-48)

Odd numbers: 6:30-7:15

Even numbers: 7:15-8:00

Please mount your poster on the board displaying your assigned poster number during the daytime on the day of the presentation. Please remove your poster promptly after the poster session concludes.

Presenters must be present at their posters to provide explanations during the designated time slots corresponding to their poster numbers. If you are competing for a poster award, failure to be found by the judges may result in a score of zero.

List of Posters (* entry for poster award)

*	Poster #	Name	Title
○	P1-01	Leibo Tan	Reactivity Studies of an Amino-Substituted Benzoborirene toward Isocyanides
	P1-02	Baptiste NEIL	New generation routes enabling broader derivatization of boratriptycene sulfonium Lewis superacid
○	P1-03	Shuchang Li	An Organoborate Monoxide Radical
○	P1-04	Eduarda Vina Gibbert	Towards the Synthesis of BN-doped Dibenzo[a,h]pyrenes
○	P1-05	Kavita Devi	An Inorganic Bicyclic Compound Featuring a Bridgehead B=B Bond
○	P1-06	Luis Leonard Caic	Aluminium-catalysed hydroboration of alkenes with HBdan
○	P1-07	Rahul Mondal	A Novel Bifunctional Boron-Appended N-Heterocyclic Nitrenium Framework for Divergent CO ₂ Valorization
○	P1-08	Maxence Bonneviel	Boron-substituted xanthene dyes for bioimaging applications
	P1-09	Toshihiro Moriya	Synthesis and Properties of Air-Stable 2,2'-Azobispyridine Radical-Boron Complexes
○	P1-10	Bo-An Chen	An m-Terphenyl-Substituted Borinium Cation
○	P1-11	Sophie Mann	Synthesis, Characterization and Reactivity of Novel N-Boron Functionalized Anionic N-Heterocyclic Carbenes
○	P1-12	Go Yamagiwa	Copper-Catalyzed Synthesis of 2-Borylstyrene Derivatives from 2-Bromostyrene Derivatives
	P1-13	Satoshi Kurumada	Visible-Light-Driven Borylation of Aryl Halides Enabled by Organotellurium Catalysts
○	P1-14	Doyoon Kim	Copper-Catalyzed Regio-, Diastereo-, and Enantioselective Allylic Alkylation with 1,1-Diborylalkanes
○	P1-15	Yi-Hsuan Tsai	Catalytic Dehalogenation of Haloarenes Mediated by Al ^{II} /Al ^{III} Redox Cycle
○	P1-16	Yonghoon Jin	Axially chiral α -boryl-homoallenyl boronic esters as versatile toolbox for accessing centrally and axially chiral molecules
	P1-17	Roman Keder	Production Technology of Anhydrous Salts of Polyhedral Borates
○	P1-18	Alexander Luancing	Molecular Engineering of Boron-Rich Clusters (BRCs) to Rapidly Access 3-Dimensional Star Polymer Materials
○	P1-19	Atsuhiko Ikeno	C ₃ -symmetric Borabuckybowl Featuring a Pyramidal-like sp ² Boron Atom for Advanced Electronics and Optical Functions
	P1-20	David M Schubert	Efficient Scalable Synthesis of Magnesium Dodecaborates
○	P1-21	To-Jen Chin	Alkyne annulation of Boron-doped PAHs
	P1-22	Tomohiro Kurosaki	Control of Circularly Polarized Luminescence through Hydrogen Bond-Assisted Rotamer Resolution in a Dinuclear Boron Difluoride Complex
	P1-23	Petr Vosáhl	Ortho-carborane in direct electrocatalysis
○	P1-24	Victoria Patricia Rubio	Bridging Lewis Acidic Antimony Centers with Electron-Withdrawing Carborane Cages
○	P1-25	Rafi Muhammad Lutfi	Emissive Excited-State Engineering of o-Carboranyl MR-TADF Compounds through Steric Tuning
○	P1-26	Lara Heiderich	Metal Salts of the Chlorinated 1-Carba-closo-Dodecaborate
○	P1-27	Shu-Xiao Ji	A Linear BNCNB [4]heterocumulene derived from ¹⁵ N ₂
○	P1-28	Kaoru Kamei	Tumor marker-guided precision BNCT for CA19-9-positive cancers: a new paradigm in molecularly targeted chemoradiation therapy

○	P1-29	Joana Sugiarto	Evaluation of a Diverse Collection of Hemiboronic Heterocycles for the Complexation of Biomolecules
○	P1-30	Riri Takayama	BNCT pancreatic cancer treatment strategy with glucose-conjugated boron drug
○	P1-31	Konoka Baba	Development of poly(vinyl alcohol)-based drug delivery systems utilizing enantiomerism for boron neutron capture therapy
○	P1-32	Yiming Xia	Phenylboronic Acid-Based Polymer-Photosensitizer Conjugate for Precise Delivery of Cytosol-Acting Drugs
○	P1-33	Christopher Josef Zentgraf	One ring to derivatize them all: A one-pot approach to peri-borylated polycyclic aromatic hydrocarbons using triiodoborathiin
○	P1-34	Jan Heller	Catalyst-Free 1,1- and 1,2-Silaboration of Olefins Enabled by Perhalogenated Silylboranes (X = Cl, I)
	P1-35	Naoki Yasukawa	Photocatalytic Radical Borylation of Electron-Deficient Arenes
○	P1-36	Takeru Inoue	Nickel-Catalyzed Arylalkoxylation of Unactivated Alkenes Based on Electrophilic Etherification
○	P1-37	Nathan McRae	Boron-catalysed amidation and reductive amination
○	P1-38	Florian Seufert	Borylation of tertiary Alkyl Chlorides using Titanium Catalysis
○	P1-39	Masakazu Tanigawa	Triarylborane-Catalyzed Solvent-Free Hydrogenation of Indoles
○	P1-40	Tsoh Lam Cheung	Electrochemical defluorinative Matteson-type homologation
○	P1-41	Zheng Zhu	Borenium catalyzed "chain-walking"
○	P1-42	Junjie Yang	Chemodivergent diborylation of alkynes enabled by novel sp^2 - sp^3 diboron reagents
	P1-43	Hideki Yorimitsu	Arylative Boron Insertion Reaction of Furans Utilizing Iron Catalysis
○	P1-44	Weixuan Sun	Mild Generation of Highly Nucleophilic N-Heterocyclic Carbene Boryl Anion from Neutral sp^2 - sp^3 Diboron Reagents and Its Applications in Nucleophilic Borylation
○	P1-45	Yunhui Jang	Diverse Synthesis of (Thio)ethers and (Thio)esters Using Halo-diborylmethane as a Transformable C1 Building Block
○	P1-46	Jae Yoon Seo	[1,2]-Fluoride Migration in gem-Diborylalkanes: Generation of α -Boryl Cations and an Unusual [1,3]-Hydride Shift
○	P1-47	Anna Victoria Schellbach	Two Heads Are Better Than One - Proximal Diborylation of Arenes
	P1-48	Seiji Ishihata	Synthesis of Al–Zr Complexes Using Al–Mg Reagent and Their Characterization

September 8 (Tue), 2026

9:00-10:00 am, **room M-178, PL2** (chair: Shigehiro Yamaguchi)

Recent Advances in Boron-based Multi-Resonance Thermally Activated Delayed Fluorescence Materials

Takuji Hatakeyama (Kyoto University, Japan)

room M-178 (chair: Sen, Rivard)	room M-278 (chair: Nau, Ruzicka)
10:00-10:15 am, OC_A17 Tunable Schiff base-boron-ate complexes for controlled photo-induced alkyl radical generation Yuto Sumida (Institute of Science Tokyo, Japan)	10:00-10:15 am, OC_B17 Site-selective functionalizations of boron-rich clusters Xin Mu (East China University of Science and Technology, China)
10:15-10:30 am, OC_A18 Development of polyolefin-based materials utilizing boroxine/boronic ester crosslinks Ryo Tanaka (Hiroshima University, Japan)	10:15-10:30 am, OC_B18 Site-Selective B-H Activation via HAT towards Xanthyl- <i>closo</i> -Carboranes as Bench-Stable Precursors of Organosulfur Clusters Marco Rusconi (University of Turin, Italy)

10:30-11:00 am, Coffee break

room M-178 (chair: Sen, Rivard)	room M-278 (chair: Nau, Ruzicka)
11:00-11:20 am, IL_A07 B-N Lewis Pair Decorated Extended Pi-Systems Frieder Jäkle (Rutgers University - Newark, USA)	11:00-11:20 am, IL_B07 Vinylboron Compounds as Monomers for Radical Polymerization Leading to Replacement of Side-Chain Element in Polymer Reaction Tsuyoshi Nishikawa (Kyoto University, Japan)
11:20-11:40 am, IL_A08 Transpositions Enabled by BN-Benzvalene Intermediates Shih-Yuan Liu (Boston College, USA)	11:20-11:40 am, IL_B08 Orbital Engineering in the Chemistry of Boron Eluvathingal D. Jemmis (Indian Institute of Science, India)
11:40-12:00 am, IL_A09 From Drugs to Catalysts: Applications of Hemiboronic Heterocycles Guided by Reactivity and Isosterism Dennis Hall (University of Alberta, Canada)	11:40-12:00 am, IL_B09 Unlocking the Biological Potential of Metallacarboranes: Synthesis and Activity of Novel Derivatives Tomasz Goszczyński (Hirsfeld Institute of Immunology and Experimental Therapy, Poland)

0:00-1:00 pm, Lunch@Tsubame Terrace

room M-178 (chair: Berionni, Santos)	room M-278 (chair: Hey-Hawkins, Deagostino)
1:00-1:30 pm, KL_A03 Catalytic Stereoselective Synthesis with Boron Reagents James Morken (Boston College, USA)	1:00-1:30 pm, KL_B03 Chiral BN-Containing PAHs: Shaping Function through Molecular Design Agnieszka Nowak-Król (Julius-Maximilians-Universität Würzburg, Germany)
1:30-1:45 pm, OC_A19 Rigid Ligands for Metal-Free Cross-Coupling Catalysis and New Bonding Motifs in Boron Chemistry Marc-André Légaré (McGill University, Canada)	1:30-1:45 pm, OC_B19 Catalytic Nucleophilic Reaction of Cage B-Hs for Regioselective Functionalization of o-Carboranes Jie Zhang (The Hong Kong Baptist University, Hong Kong)
1:45-2:00 pm, OC_A20 Structure and reactivity of versatile boron anions Zhenpin Lu (City University of Hong Kong, Hong Kong)	1:45-2:00 pm, OC_B20 Redox-Switchable Carboranes for the Recovery of Critical Metals in Battery Recycling Sania Mostaghimi (University of Calgary, Canada)
2:00-2:15 pm, OC_A21 Amine Basicity Controlling the Formation and Amine Exchange in B $\leftarrow$ -N Adducts of Boroxine and Boronate Systems Marina Juribašić Kulcsar (Ruđer Bošković Institute, Croatia)	2:00-2:15 pm, OC_B21 Carba- <i>closo</i> -dodecaborates as Superchaotropic Anions Andrea Barba-Bon (Constructor University, Germany)
2:15-2:30 pm, OC_A22 One Ring to Bind Them All: Substituent Effects in Solid-State Synthesis of Boroxine B $\leftarrow$ -N Assemblies Mario Pajić (Ruđer Bošković Institute, Croatia)	2:15-2:30 pm, OC_B22 (changed) Unlocking Efficient Hydroboration via Ionic Liquids and Single-Atom Catalysts Jędrzej Walkowiak (Adam Mickiewicz University, Poland)

2:30-3:00 pm, Coffee break

room M-178 (chair: Morken, Mutoh)	room M-278 (chair: Olejniczak, Deagostino)
3:00-3:30 pm, KL_A04 From Cyclopentadienyl to Boron Rings: Emerging Main-Group Ligands in Sandwich Complexes Sundargopal Ghosh (IIT Madras, India)	3:00-3:30 pm, KL_B04 The Unique Hydration Chemistry of <i>closo</i> -Borate Cluster Anions Enables New Biological Applications in Transmembrane Transport Werner Nau (Constructor University, Germany)
3:30-3:50 pm, IL_A10 Stabilizing B-B Multiple Bonds with a Diene-Capped Carbene Eric Rivard (University of Alberta, Canada)	3:30-3:50 pm, IL_B10 Polyhedral Heteroboranes; from 3D aromatics to cations or superbases Ales Ruzicka (University of Pardubice, Czechia)
3:50-4:10 pm, IL_A11 From Electron-Precise to Electron-Deficient Boron-Boron Bonding and Back Hans-Jörg Himmel (University of Heidelberg, Germany)	3:50-4:10 pm, IL_B11 Boron Neutron Capture Therapy (BNCT) from a Clinician's Perspective Wolfgang A.G. Sauerwein (Deutsche Gesellschaft für Bro-Neutroneneinfangtherapie DGBNCT, Germany)

4:10-4:30 pm, IL_A12 Divergent Reactivity Towards α,β -Unsaturated Carbonyl Compounds: Boron vs Phosphorus Webster Santos (Virginia Tech, United States of America)	4:10-4:30 pm, IL_B12 Boron Clusters in Medicinal Chemistry Evamarie Hey-Hawkins (Leipzig University/Babes-Bolyai University/Wuhan University of Technology, Germany)
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4:30-5:00 pm, Coffee break

room M-178 (chair: S.-Y. Liu, Hall)	room M-278 (chair: Goszczyński, Sauerwein)
5:00-5:20 pm, IL_A13 1,1-Diborylalkanes: Versatile Reagents for Chemo- and Stereoselective Transformations Seung Hwan Cho (POSTECH, Republic of Korea)	5:00-5:20 pm, IL_B13 Small cluster, big impact: Boron clusters as modulators of biologically active compounds. Agnieszka B. Olejniczak (Institute of Medical Biology, Polish Academy of Sciences, Poland)
5:20-5:40 pm, IL_A14 Nickel-Catalyzed Allene Hydroboration Reaction with Pinacolborane Shaoyong Ge (National University of Singapore, Singapore)	5:20-5:40 pm, IL_B14 Substituted ortho-Carboranes as Intermediates for the Synthesis of Multivalent Agents for Cancer and Alzheimer's Treatment in NCT (Neutron Capture Therapy) Applications Annamaria Deagostino (University of Turin, Italy)
5:40-6:00 pm, IL_A15 Stereoselective Synthesis of Olefins by Exploiting Organoboron Compounds Santanu Panda (IIT Kharagpur, India)	5:40-6:00 pm, IL_B15 A Boronated Fatty Acid for Boron Neutron Capture Therapy Zhibo Liu (Peking University, China)
6:00-6:15 pm, OC_A23 Borylation of Arenes Through Transient η^6 -Coordination to $[\text{Cr}(\text{CO})_3]$ Yuichiro Mutoh (RIKEN Center for Sustainable Resource Science, Japan)	6:00-6:15 pm, OC_B23 Exploiting Boron Chemistry: Benzoxaboroles as Tunable Scaffolds for Antiparasitic Drug Discovery Against <i>Trypanosoma cruzi</i> Diogo Boreski (São Paulo State University, Brazil)
6:15-6:30 pm, OC_A24 Proof of Concept: Unlocking Simple Hydroboranes for Selective, Metal-Free C–H Borylation of (Hetero)arenes Puneeth Kumar Someswara Ashwathappa (Laval University, Canada)	6:15-6:30 pm, OC_B24 Boron Cluster-Modified Materials for Affinity Chromatography Thomas Neubert (Julius-Maximilians-Universität Würzburg, Germany)

6:30-8:30 pm, Poster Session 2 (P2-01 ~ P2-48)

Odd numbers: 6:30-7:15

Even numbers: 7:15-8:00

Please mount your poster on the board displaying your assigned poster number during the daytime on the day of the presentation. Please remove your poster promptly after the poster session concludes.

Presenters must be present at their posters to provide explanations during the designated time slots corresponding to their poster numbers. If you are competing for a poster award, failure to be found by the judges may result in a score of zero.

List of Posters (* entry for poster award)

*	Poster #	Name	Title
○	P2-01	Soumen Giri	Beyond Icosahedra: Synthesis, Structure, and Bonding of Higher-Nuclearity Cobaltaboranes
○	P2-02	Sampad Shyamal	Structural and Electronic Mimic of Tetrahedrane: Heterobimetallic Classical Diborane Complexes of [TaM'B ₂] Core (M' = Fe, Ru, Co, Mn)
○	P2-03	Debipada Chatterjee	Chemistry of B- and C-functionalized Carborane-Thiol Ligands, [C ₂ B ₁₀ H _{12-n} (SH) _n] (n = 2 or 3) with Groups 4-5 Metals
○	P2-04	Hongyi Tao	Chiral gem-diborylalkane reagents: synthesis and application
○	P2-05	Yuya Kadota	Introduction of Si-B Unit into Organic Substrates using Boron-substituted Silyllithium
	P2-06	Romain Losa	Toward fluorine-free weakly coordinating borate anions for lithium ion batteries, ionic liquids and catalysis
○	P2-07	Hannes Reitemeier	Functionalization of Halogenated closo-Dodecacaborates via Nitrogen Containing Substituents
○	P2-08	Ke Li	Photoswitchable Diborene: A Platform for Reversible Masking and Metal-Free Pyridine Homocoupling
○	P2-09	Hayato Sato	New Synthetic Route to Borapyramidane and Its Reactivity
	P2-10	Takeaki Iwamoto	Generation of a Cyclic (alkyl)(boryl)silylene
○	P2-11	Yutaka Mondori	Monodentate σ -Accepting Boron-Based Ligands Bearing Square-Planar Ni(0) Centers
○	P2-12	Daichi Oka	Multimodal Polypropylene Synthesis Using Cyclic Borane Cocatalyst
○	P2-13	Semin Lee	Nickel-Catalyzed Enantioconvergent Alkylation of Boron-Stabilized Organomagnesiums with Unactivated Alkyl Halides
○	P2-14	Kotomi Sawada	Alkene-Enhanced Si-H Borylation and Access to Novel Silylboranes
	P2-15	Drahomir Hnyk	Cationic Silver "COSAN(es)": Spectroscopic, Structural, and Bonding Properties
	P2-16	Dmytro Bovol	High-Resolution Mass Spectrometry as a Key Tool for Rapid and Detailed Characterization of Various Substituted Boron Species
○	P2-17	Niklas Thiess	Ethynyl substituted [2.2]paracyclophane 1,2-dihydro-1,2-azaborinine conjugates: Study of photophysical and photochemical properties.
	P2-18	Mathew Cross	Red-shifting TADF emission with bora-triptycene Lewis acids
○	P2-19	Peiyuan Yang	Development of Narrowband Organoboron Emitters with Fast Reverse Intersystem Crossing Induced by Dibenzotellurophene
	P2-20	Yohei Adachi	Synthesis of Thiophene-Fused Planarized Thiaborin Compound and Its p- π^* Conjugated Polymers
○	P2-21	Ryoma Tanaka	Boron- and Chalcogen-bridged Acridinium Cations Exhibiting Red-light Absorption
	P2-22	Mika Sakai	Temperature-responsive Near-Infrared Emission via Reversible Frustrated Lewis Pair-type Addition Reaction in an Alkenyl-strapped Diarylboryl Unit
○	P2-23	withdrawn	
○	P2-24	Aidan Tiffany	Tricyclohexyl Phosphine Enables Efficient Pd-catalyzed B-C(sp), B-N, and B-O Bond Formation on Halogenated Carboranes
○	P2-25	Vlastimil Němec	Structural Rearrangements of 10-vertex nido-Carborane Clusters: Their Synthesis and Reactivity with Metals
	P2-26	Sergey Anufriev	Synthesis of Anthracenyl- and Pyrenyl-Carborane Dyads with Substituents at Different Positions of Carborane Cage
	P2-27	Kazuki Miura	Development of molecular targeted photodynamic therapy targeting cancer-specific molecules

○	P2-28	Fumika Kuwajima	Development of Azulene-Containing Near-Infrared Photosensitizers for Photothermal Therapy
○	P2-29	Shota Tanaka	Development of formulations comprising poly(vinyl alcohol) and boronophenylalanine derivatives for boron neutron capture therapy
○	P2-30	Itsuki Fukuda	Study on the Mechanism of Action of poly(vinyl alcohol) Formulations for Boron Neutron Capture Therapy
	P2-31	Jakub Cebula	An Alternative Strategy for Albumin Binding in Therapeutics. Proof-of-Concept Synthesis of Metallacarborane–Insulin Conjugates.
○	P2-32	Zachary Bub	Boron Lewis Acid-Mediated Oxyboration of Ynamides
	P2-33	Takashi Nishikata	The Chemistry of Oxazaborolidinones
○	P2-34	Sakamoto Masaya	Iridium-Catalyzed C(sp ³)–H Borylation of 2-Alkoxy- and 2-Alkylthiopyridines with Pinacolborane
○	P2-35	Changsu Ryu	Access to Enantioenriched Pyridines Bearing All-Carbon Quaternary Stereocenters via Stereospecific C4-Allylation
○	P2-36	Jiyeon Ko	One-Pot Synthesis of α -Functionalized 1,5-Dienes via Tandem Iridium Catalysis and Cope Rearrangement
	P2-37	Laura Winfrey	Three-Component Thio- and Carboboration of Alkynes Towards Functionalised Bicyclic Boronates
○	P2-38	Yukiho Yoshida	Photoinduced Decarboxylative Alkylation of 1,3-Diketones Enabled by Diketonatoboron Catalytic Intermediate
	P2-39	Alastair James Nimmo	in situ Generation and Catalytic Reactivity of Haloboranes
○	P2-40	Yuto Arai	Nucleophilic Hydroboration Strategy toward Construction of Boron-doped Aromatic Molecules
○	P2-41	Tim Gebhart	Ceramic circumscription of PAHs through BN-doping
○	P2-42	Peiqi Zhang	Computational Study on Synthetic Reactions of Organoboron Compounds
○	P2-43	Yuma Oyama	Boronic Ester-Promoted Simmons–Smith Reaction of gem-Boryl(fluoro)cyclopropanes
○	P2-44	Yen-Hua Lee	Anionic Trifunctional BNB Intramolecular Frustrated Lewis Pair
○	P2-45	Nicole Hanania	Polyborylated Alkenes as Photoactive Energy-Transfer Reactive groups
○	P2-46	Nils Pellinger	Folding Ortho-Oligoaminoarylenes into BN-Doped Helicenes through N-Directed Borylation
○	P2-47	Nadim Eghbarieh	Stereoselective Transformations of C–B and C–H Bonds in Polyborylated Alkenes
	P2-48	Yifan Pan	Synthesis and Properties of a Novel Aluminum-Hafnium(IV) Complex

September 9 (Wed), 2026

room M-178 (chair: Chattopadhyay, Fontaine)	room M-278 (chair: Jäkle, Nomoto)
9:00-9:30 am, KL_A05 Recent Developments in the Electrophilic Borylation of Arenes and Alkynes Michael Ingleson (University of Edinburgh, UK)	9:00-9:30 am, KL_B05 Boron in polymers: from chain ends to dynamic materials Emmanuel Lacôte (CNRS - Chimie ParisTech, France)
9:30-9:45 am, OC_A25 Visible-Light-Accelerated, Transition-Metal-Catalyzed Borylation of C(sp ³)-H and C(sp ³)-O Bonds Ken Tanaka (Institute of Science Tokyo, Japan)	9:30-9:45 am, OC_B25 Synthesis of conjugates of closo-dodecaborate dianion with sugars and their application to precision BNCT Tomoyuki Tajima (Okayama University, Japan)
9:45-10:00 am, OC_A26 Sodium-mediated C-H polyborylation of non-activated arenes and metallocenes Clarence Tan (University of Bern, Switzerland)	9:45-10:00 am, OC_B26 Metallacarborane-peptide conjugates with antibacterial activity Krzysztof Fink (Hirsfeld Institute of Immunology and Experimental Therapy, Poland)
10:00-10:15 am, OC_A27 Spirobipyridine Ligands for Molecular Recognition and Catalysis Sobi Asako (RIKEN, Japan)	10:00-10:15 am, OC_B27 3-Dimensional Molecular Engineering of Boron-Rich Clusters for the Development of Bioimaging Agents Marco Messina (University of Delaware, USA)
10:15-10:30 am, OC_A28 New access to organoboron molecules Yangjian Quan (The Hong Kong University of Science and Technology, Hong Kong)	10:15-10:30 am, OC_B28 Long-Term Exposure to I-CoSAN Drives Lipid Droplets Overproduction Michalina Gos (Polish Academy of Sciences, Poland)

10:30-11:00 am, Coffee break

room M-178 (chair: Ingleson, Cho)	room M-278 (chair: Jin, Mu)
11:00-11:20 am, IL_A16 Catalyst Engineering for CH Borylation: "Only-One-Ligand" for "All-Different-Classes-of-Substrates" Buddhadeb Chattopadhyay (IISER Pune, India)	11:00-11:20 am, IL_B16 Phenylboronic Acids for Drug Delivery Takahiro Nomoto (The University of Tokyo, Japan)
11:20-11:40 am, IL_A17 An Isodesmic Approach to the Metal-Free C-H Borylation Frédéric-Georges Fontaine (Laval University, Canada)	11:20-11:40 am, IL_B17 Boron Clusters as Multifunctional Platforms in Antimicrobial Research, Cancer Therapy, and Photonics Rosario Núñez (Materials Science Institute of Barcelona (ICMAB-CSIC), Spain)
11:40-12:00 am, IL_A18 Transborylation as an Enabler of and hindrance to p-Block Catalysis Stephen Thomas (University of Edinburgh, UK)	11:40-12:00 am, IL_B18 Beyond LAT1: Integrated Molecular Design of Next-Generation Boron Carriers for BNCT Hiroyuki Nakamura (Institute of Science Tokyo, Japan)

0:00-1:00 pm, Lunch@Tsubame Terrace

1:00-6:30 pm, Excursion

Plan 1: Bugaku and National Museum

Plan 2: Ishikawa Sake Brewery Tour

Plan 3: Asakusa and Skytree

Buses will pick up all participants in front of the Tsubame Terrace at 1:00 pm. Please do not be late. If you are late, you will not be able to attend the excursion. After finishing the excursion, buses will take you to the Hinode Pier for the banquet. People who do not attend the banquet will be brought to Shinagawa or Oimachi Stations by some of these buses.

7:00-9:30 pm

Banquet: Symphony Tokyo Bay Cruise

<https://www.symphony-cruise.co.jp/>

A ticket or an invitation is required to attend the banquet. Buses for the excursion will take you to the Hinode Pier at around 6:30 pm. People who do not participate in the excursion are asked to come to the Hinode Pier on their own. We will board the ship around 6:45. After the banquet, buses will take you to Shinagawa or Oimachi Stations.

Hinode Pier: <https://www.suijobus.co.jp/en/>

(Google map: <https://maps.app.goo.gl/orBu8whqByUtwSf28>)

September 10 (Thu), 2026

9:00-10:00 am, **room M-178, PL3** (chair: Hiroyuki Nakamura)

Boryl radicals enabled new synthesis and catalysis

Yi-Feng Wang (University of Science and Technology of China, China)

room M-178 (chair: Gilliard, Aldridge)	room M-278 (chair: Planas, Xie)
10:00-10:15 am, OC_A29 Iridium catalyzed regiodivergent functionalization of all three C–H bonds of arenes by a single ligand Jaitri Das (IISER Pune, India)	10:00-10:15 am, OC_B29 EGFR-targeted antisense oligonucleotides modified with boron clusters offer a new approach to cancer radiotherapy Damian Kaniowski (Polish Academy of Sciences, Poland)
10:15-10:30 am, OC_A30 Organocatalytic hydroboration of allenes Aleksandra Szymańska (Adam Mickiewicz University, Poland)	10:15-10:30 am, OC_B30 Trisubstituted meta-Carboranes as CD28-Mediated T Cell Activators Yujie Shao (Institute of Science Tokyo, Japan)

10:30-11:00 am, Coffee break

room M-178 (chair: Gilliard, Aldridge)	room M-278 (chair: Planas, Xie)
11:00-11:20 am, IL_A19 Carboranyl Substitution as a Strategy to Push the Limits of Lewis Acidity and Ring Strain in Three-Coordinate Boron Qing Ye (University Of Wuerzburg, Germany)	11:00-11:20 am, IL_B19 Boroxine-templated construction of trifunctionalized macrocycles with dynamic behavior Kosuke Ono (Institute of Science Tokyo, Japan)
11:20-11:40 am, IL_A20 Harnessing the Empty Orbital: From Lewis Superacid Catalysis to Spontaneous Silaboration Matthias Wagner (Goethe-Universität Frankfurt, Germany)	11:20-11:40 am, IL_B20 Boron-Centered Molecules at the Interface of Fluorine and Teflate Chemistry Sebastian Riedel (Freie Universität Berlin, Germany)
11:40-12:00 am, IL_A21 Activation of Small Molecules: Can Boron act as a Transition Metal? Holger Braunschweig (Julius-Maximilians-Universität Würzburg, Germany)	11:40-12:00 am, IL_B21 Versatility of aminoboranes: access to glycine isosteres and smart boron-containing polymers. Gilles Alcaraz (CNRS, India/University of Rennes, France)

0:00-1:00 pm, Lunch@Tsubame Terrace

room M-178 (chair: Ye, Wagner)	room M-278 (chair: Alcaraz, Ono)
1:00-1:30 pm, KL_A06 Molecular Design, Synthesis, and Properties of Boron-Doped Heterocycles Robert Gilliard (MIT, USA)	1:00-1:30 pm, KL_B06 From Robust Carborane MOFs to Programmable Materials: Controlling Function through Metal Organization Jose Giner Planas (Material Science Institute of Barcelona (ICMAB-CSIC), Spain)
1:30-1:45 pm, OC_A31 Cobalt and nickel imine complexes as efficient precatalysts for the hydroboration of internal alkenes Piotr Amadeusz Andruszak (Adam Mickiewicz University, Poland)	1:30-1:45 pm, OC_B31 Synthesis of B(8,8')-bifunctionalized cobalt bis(dicarbollide) derivatives and assessment of their biological activity. Jakub Cebula (Polish Academy of Sciences, Poland)
1:45-2:00 pm, OC_A32 α -Selective Hydroboration of Alkynoate Esters Catalyzed by Ionic Liquid Pawel Huninik (Adam Mickiewicz University, Poland)	1:45-2:00 pm, OC_B32 Carborane Pharmacophores Enable Selective Histone Deacetylase 6 (HDAC6) Inhibition with non-Hydroxamate Zinc-Binding Groups Christoph Selg (Leipzig University, Germany)
2:00-2:20 pm, IL_A22 Exploring Molecular Functions Arising from Boron Integration in π -Conjugated Systems Yoshiaki Shoji (Institute of Science Tokyo, Japan)	2:00-2:20 pm, IL_B22 Tailoring Electronic Properties of Tetradentate Pt(II) complexes via Nido-Ortho-Carborane Functionalization Kang Mun Lee (Kangwon National University, Republic of Korea)
2:20-2:40 pm, IL_A23 Tuning Main Group reactivity through ligand design: boryl and boryloxy ligands Simon Aldridge (University of Oxford, United Kingdom of Great Britain and Northern Ireland)	2:20-2:40 pm, IL_B23 Transition Metal Catalyzed Enantioselective B-H Functionalization of Carboranes Zuowei Xie (Southern University of Science and Technology, China)
2:40-3:00 pm, IL_A24 Diborane(6) Dianions, and Boryl Dianions, and Anionic N-Heterocyclic Carbenes Maik Finze (Julius-Maximilians-Universität Würzburg, Germany)	2:40-3:00 pm, IL_B24 Organometallic macrocyclic Complexes with Carborane Ligands Guo-Xin Jin (Fudan University, China)

3:00-3:30, Closing