21st International Symposium on Novel Aromatic Compounds

ISNA-21

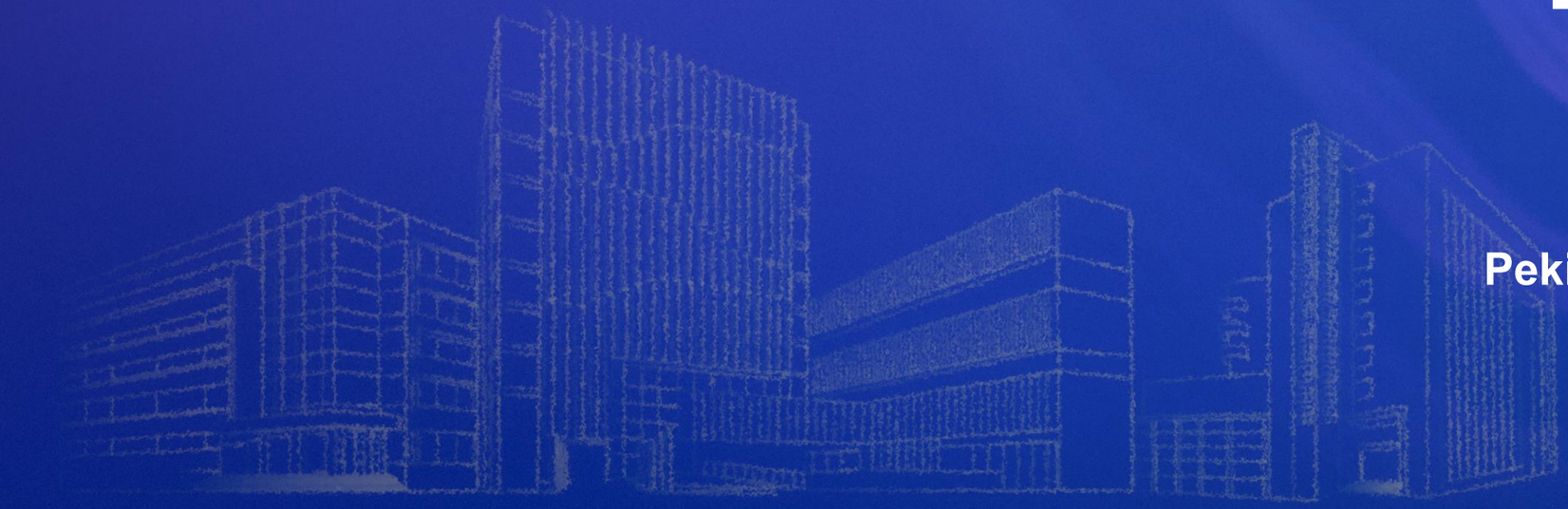
Program Book

August 9–14, 2026

Peking University, Beijing, China

isna2026.scimeeting.cn

Email: isna21@pku.edu.cn



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Welcome Message

With great pleasure we would like to invite all chemists working on aromatic compounds to join the 21st International Symposium on Novel Aromatic Compounds (ISNA-21), which will be held in Beijing, China, from Sunday, August 9 through Friday, August 14, 2026.

Originally established in 1970 as the International Symposium on Nonbenzenoid Aromatic Compounds, the symposium's current name reflects the modern goals in novel aromatic chemistry: advancing molecular and supramolecular synthesis, understanding structure-property relationships, and developing applications in electronics, biology, and other fields. In the spirit of previous ISNA meetings, talks and poster presentations will span a diverse range of disciplines that involve not only the preparation and study of aromatic compounds, but also more general themes concerning aromaticity. Our goal is to provide a forum fostering discussion and collaboration across the entire aromatic chemistry community, from established experts to emerging researchers.

Information regarding abstract submission, registration, and accommodation can all be found at the conference website, but please do not hesitate to contact us if you have any questions or concerns. We sincerely hope you will be able to join us at ISNA-21 to engage with a dynamic gathering of distinguished and emerging researchers.

Sincerely,

Liangbing Gan, Chair
College of Chemistry and Molecular Engineering, Peking University

Zhaohui Wang, Co-Chair
Department of Chemistry, Tsinghua University

ISNA History

ISNA, established by Professor Tetsuo Nozoe in 1970 as the International Symposium on Nonbenzenoid Aromatic Compounds, has since been held globally every few years. Below is a summary of the ISNA series, accompanied by distinctive logo marks.

ISNA-1, Sendai (1970)

ISNA-2, Lindau (1974)

ISNA-3, San Francisco (1977)

ISNA-4, Jerusalem (1981)

ISNA-5, St. Andrews (1985)

ISNA-6, Osaka (1989)

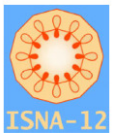
ISNA-7, Victoria (1992)

ISNA-8, Braunschweig (1995)

ISNA-9, Hong Kong (1998)

ISNA-10, San Diego (2001)

ISNA-11, St. John's (2005)



ISNA-12, Awaji (2007)

ISNA-13, Luxembourg (2009)

ISNA-14, Eugene (2011)

ISNA-15, Taipei (2013)

ISNA-16, Madrid (2015)

ISNA-17, Stony Brook (2017)

ISNA-18, Sapporo (2019)

ISNA-19, Warsaw (2022)

ISNA-20, Toronto (2024)

ISNA-21, Beijing (2026)

ISNA-22, Prague (2028)

Acknowledgements

ISNA-21 is generously supported by the following sponsors:

Key Laboratory of Bioorganic Chemistry and Molecular Engineering of the Ministry of Education

College of Chemistry and Molecular Engineering, Peking University

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Nozoe Lecture

On April 4, 1996, the organic chemistry community lost one of its staunchest champions, Professor Tetsuo Nozoe, just a month before his 94th birthday. His death marked the end of an era of organic chemistry, not only in Japan but worldwide, especially among the fellowship of ISNA chemists. His involvement with and commitment to the ISNA movement is legendary. Professor Nozoe served as the founding chairman of ISNA at age 68, and the inaugural meeting took place in Sendai, Japan, from August 24-28, 1970. His leadership continued not simply with guidance and support but by his attendance at every ISNA through ISNA-8 in Braunschweig, Germany, in August 1995. But never think that his presence was merely symbolic! He attended lectures, participated in a debate, and astounded his junior colleagues by continuing to present his most recent research results with unswerving enthusiasm and clarity that put many of us to shame.

Because of his stature within the ISNA family of chemists, the passing of this legendary figure is commemorated at each ISNA by a Nozoe Lecture. We owe a great thanks to the extended community of Nozoe students and friends in Japan, led by Professor Sho Ito (1924-2018), who raised funds under the auspices of the Japanese Committee of Nozoe Projects not simply for appropriate tributes in Japan but also for a Nozoe Lecture at each ISNA through ISNA-13. The financial support for these lectures and the responsibility for instigating the selection of each Nozoe Lecturer were passed to an International Committee for the Nozoe Lectureship comprising some of his former students and friends.

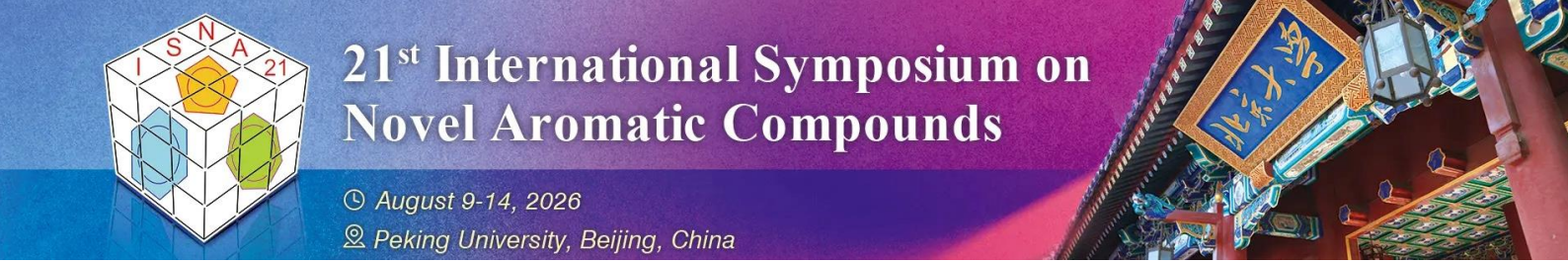
The current Nozoe Lectureship Selection Panel comprises Michael M. Haley (convener, North America), Hiroyuki Isobe (Asia and Oceania), Tim Swager (The American Continents), Harry Anderson (Europe, the Middle East, and Africa), Rainer Herges (Europe, the Middle East, and Africa), and Yoshito Tobe (Asia and Oceania).

Nominations for the ISNA-22 Nozoe Lecturer should be made to Michael M. Haley, Richard M. & Patricia H. Noyes Professor, Department of Chemistry & Biochemistry, University of Oregon, Eugene, OR 97403-1253, USA (Email: haley@uoregon.edu) by April 1, 2027. The Nozoe Lectureship Selection Panel is particularly eager to receive nominations of outstanding candidates who are representative of the diversity of the ISNA community.

For a more comprehensive story of Prof. Nozoe and the ISNA Family, we direct you to the fantastic essay by Lawrence T. Scott (*The Chemical Record*, **2013**, *13*, 603-617) and the website dedicated to the famous Nozoe Autograph Book (https://application.wiley-vch.de/util/nozoe/online.php).

Guidelines for the Nozoe Lectures

1. There shall be a designated "Nozoe Lecture" associated with each International Symposium on Novel Aromatic Compounds (ISNA), having begun with ISNA-9 in 1998 (Hong Kong).
2. Only one such plenary lecture shall occur at each ISNA.
3. The person chosen to deliver The Lecture shall be of high international standing in the community of chemists.
4. The selection of the Nozoe Lecturer shall be made by a Nozoe Lectureship Selection Panel (NLSP) composed of 5 or 6 of the most recent Nozoe Lecturers, with no more than two from each of the following geographical regions:
   a) Asia and Oceania
   b) Europe, the Middle East, and Africa
   c) The American Continents
5. No one involved with the organization of an ISNA may serve on the NLSP.
6. The membership of the NLSP for a given ISNA shall be ratified by the ISNA International Advisory Board (IAB) not later than six months before, for announcement at, the preceding ISNA. Those members of the NLSP present at this symposium shall meet to settle procedural matters for selection of the Lecturer.
7. Nominations for the Nozoe Lecturer may be made by any person who attended the preceding ISNA and any member of the IAB or the organizing committee for the preceding ISNA. Nominations are to be made to the chair of the NLSP in accord with the timetable announced at the preceding ISNA.
8. Once selected, the Nozoe Lecturer will be notified, his/her acceptance secured, and the chair of the next ISNA advised accordingly.
9. Should the selected Nozoe Lecturer be a person already chosen by the ISNA organizers as a plenary or invited lecturer, the Nozoe Lectureship shall take precedence, and the vacant slot shall be allocated to a "reserve."
10. The necessary monies to enable presentation of The Nozoe Lecture shall be provided for in the budget of the Symposium.



ISNA-21 Special Issue in BJOC

Organic materials continue to attract worldwide interest. Molecules, polymers, and assemblies are the target of numerous theoretical designs and synthetic studies. Some of these targets are driven by aesthetics while others are seeking novel or optimized functions. In addition to target creation comes a desire to understand the underlying properties, spanning novel electronic structures, unusual reactivities, or tunable mechanical properties. This thematic issue seeks to highlight contemporary activities in organic materials, addressing synthesis, physical characterization, and emerging structure–function relationships. Among the topical areas of this thematic issue would be:

- Adaptive and responsive materials
- Drug delivery vehicles
- Electronic/optical/magnetic materials
- Framework materials
- Host–guest interactions
- Molecular machines
- Novel reaction mechanisms leading to new materials
- Polymer degradation, valorization, and upcycling
- Single-molecule electronics
- Supramolecular materials
- Surface modification

We are pleased to announce that this thematic issue will also serve as a forum to host the latest discoveries presented at the 21st International Symposium on Novel Aromatic Compounds (ISNA-21) held in Beijing in August 2026.

The call for papers is now live: https://www.beilstein-journals.org/bjoc/series/151

General Information

Registration

Conference registration will take place in the Lobby, Building 1, Zhongguanyuan Global Village, PKU (北京大学中关新园 1 号楼大堂).

If your accommodation is in Building 1, you may check in to your room directly at the front desk. If you are staying in Building 9 or PKU Boya International Hotel, both are within easy walking distance — volunteers will be on-site to guide you.

Lecture Hall

ISNA-21 will feature a single-session program for maximum exposure of all speakers. All lectures will be held in Elites Banquet Hall, Basement 1 (B1), Building 1, Zhongguanyuan Global Village, PKU (北京大学中关新园 1 号楼 B1 层群英厅).

Poster Sessions

The poster sessions will take place on Monday and Tuesday evenings in the Lobby, Building C, College of Chemistry and Molecular Engineering, PKU (北京大学化学楼 C 区大厅).

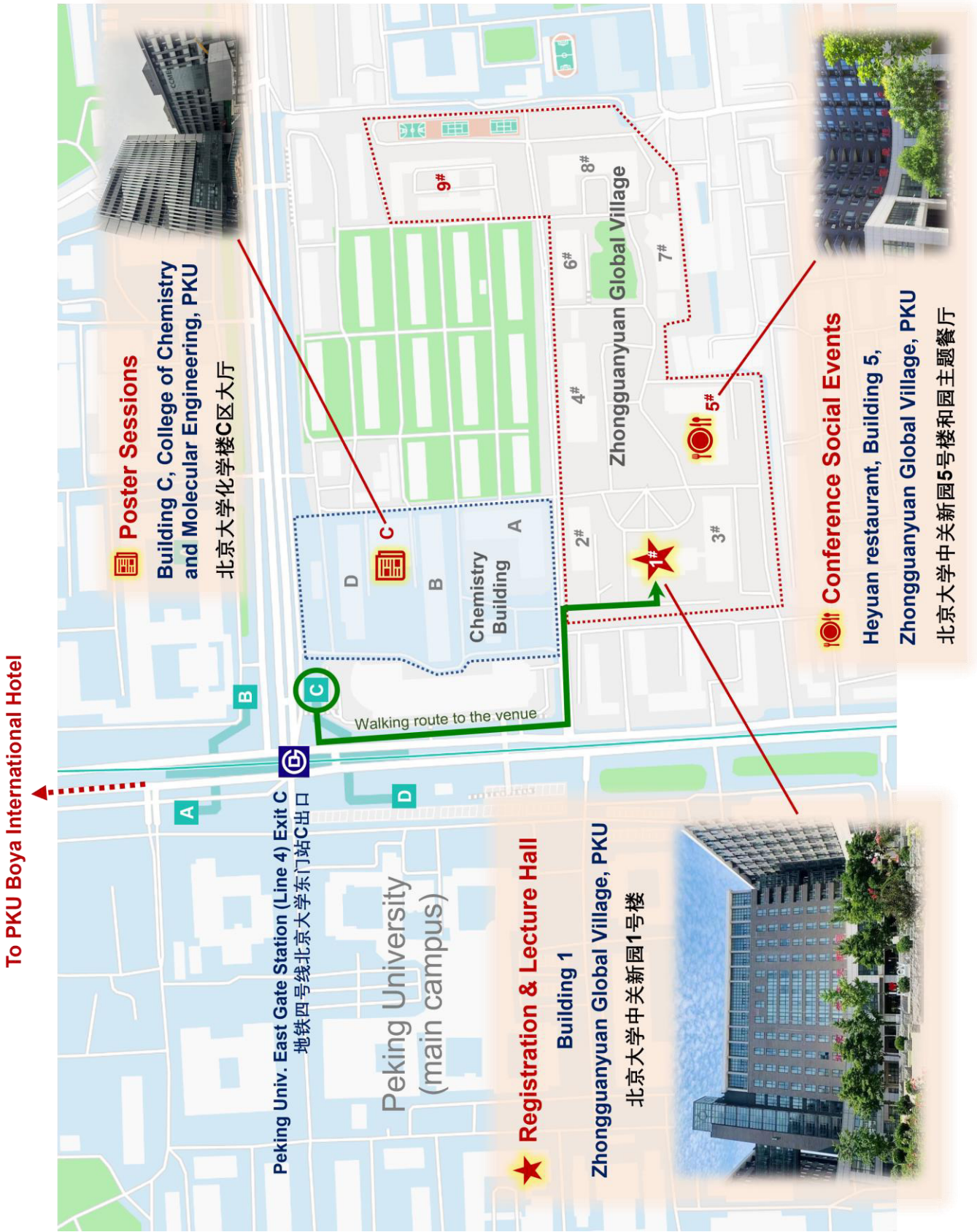
Due to limited display space, posters will be rotated between the two sessions. **Odd-numbered** posters will be presented on Monday and **even-numbered** posters will be presented on Tuesday.

Conference Social Events

ISNA-21 will include several social events where you can mingle with the entire ISNA family, reconnect with old friends, and make new ones. The following are all included with your registration:

- **Welcome Reception (Sunday):** Following the Nozoe Lecture, the Welcome Reception will be held at Heyuan Restaurant, Building 5, Zhongguanyuan Global Village, PKU (中关新园 5 号楼和园主题餐厅).
- **Poster Sessions (Monday & Tuesday):** Held at the poster venue for odd- and even-numbered posters, respectively. Drinks and light refreshments will be served.
- **Banquet (Thursday):** The conference banquet will also take place at Heyuan Restaurant, Building 5, Zhongguanyuan Global Village, PKU (中关新园 5 号楼和园主题餐厅). Poster prize winners will be announced during the banquet.

Map


To PKU Boya International Hotel
Poster Sessions
Building C, College of Chemistry and Molecular Engineering, PKU
北京大学化学楼C区大厅
Chemistry Building
A
B
C
D
Walking route to the venue
Peking Univ. East Gate Station (Line 4) Exit C
地铁四号线北京大学东门站C出口
Peking University (main campus)
Registration & Lecture Hall
Building 1
Zhongguanyuan Global Village, PKU
北京大学中关新园1号楼
Zhongguanyuan Global Village
1#
2#
3#
4#
5#
6#
7#
8#
9#
Conference Social Events
Heyuan restaurant, Building 5,
Zhongguanyuan Global Village, PKU
北京大学中关新园5号楼和园主题餐厅

Dining

Boxed lunches will be provided at the venue during lunch breaks. Dinner is included on two occasions: the Welcome Reception on Sunday and the Banquet on Thursday. On other evenings, you are free to explore the dining options in and around the venue. There are two restaurants within Zhongguanyuan Global Village itself, offering convenient on-site choices.

怡园中餐厅 | Yi Yuan Chinese Restaurant | RMB 130/person
- Cuisine: Mild Fusion Chinese
- Address: 1~2F, Building 2, Zhongguanyuan Global Village
- Hours: 11:00-14:00, 17:00-21:00

Beyond the campus, two popular commercial districts — Haidianhuangzhuang (海淀黄庄) and Wudaokou (五道口) — are just a short walk or two metro stops away, featuring a wide variety of restaurants, cafés, and shops. A few recommended options are listed below.

Recreation

A fitness center with a gym, swimming pool, and other recreational facilities is available on-site at Zhongguanyuan Global Village (Building 4). Access is at participants' own expense.

Transportation

The following directions will help you reach the **conference venue** (Building 1, Zhongguanyuan Global Village, PKU).

By Taxi / Ride-Hailing Apps:

Please do not accept any individual solicitation for a ride upon your arrival at the airport. Go directly to the **official Taxi Area** and take a licensed taxi. Show the following direction card to your driver:

> **您好，请到北京大学中关新园 1 号楼。谢谢！**
>
> Hello, please take me to Building 1, Zhongguanyuan Global Village, Peking University. Thank you!

Alternatively, you may use ride-hailing apps such as **Didi** — China's equivalent of Uber. Didi offers an English interface and supports international credit cards. Download the app before your trip.

A ride from Beijing Capital Airport (PEK) takes approximately 50–70 minutes; from Beijing Daxing Airport (PKX) approximately 70–90 minutes (depending on traffic).

By Metro

From Beijing Capital Airport (PEK):

Take the **Capital Airport Express** (首都机场线) to **Sanyuanqiao** (三元桥)
Transfer to **Line 10** (direction: Bagou / 巴沟 方向)
Ride to **Haidianhuangzhuang** (海淀黄庄)
Transfer to **Line 4** (direction: Anheqiao North / 安河桥北 方向, clockwise)
Get off at **Peking Univ. East Gate** (北京大学东门), take **Exit C**
Walk approximately 3 minutes to Building 1, Zhongguanyuan Global Village
Estimated total travel time: ~70 minutes.

From Beijing Daxing Airport (PKX):

Take the **Daxing Airport Express** (大兴机场线) to **Caoqiao** (草桥)
Transfer to **Line 10** (direction: Bagou / 巴沟 方向, counterclockwise)
Ride to **Haidianhuangzhuang** (海淀黄庄)
Transfer to **Line 4** (direction: Anheqiao North / 安河桥北 方向)
Get off at **Peking Univ. East Gate** (北京大学东门), take **Exit C**
Walk approximately 3 minutes to Building 1, Zhongguanyuan Global Village
Estimated total travel time: ~90 minutes.

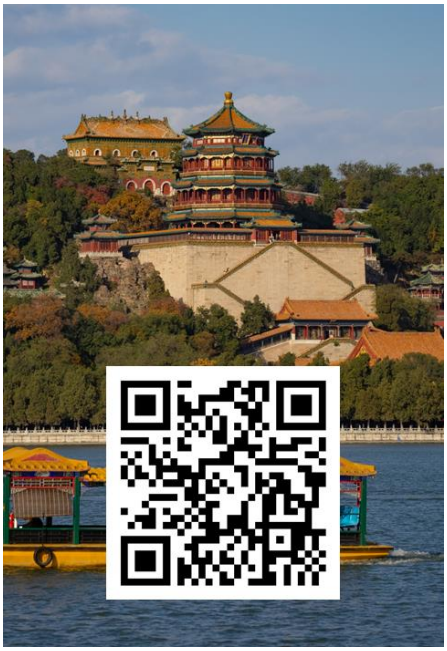
Travel Information

We warmly welcome all ISNA attendees to Beijing. Please visit the following website for general travel information.

The following two sightseeing routes will be arranged in the afternoon on Aug. 12.

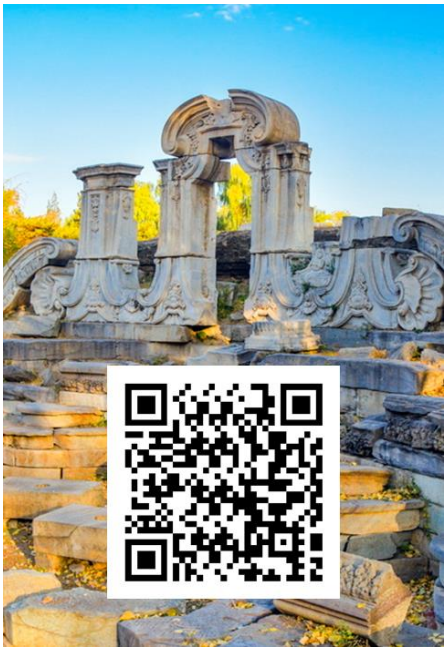
Excursion Route 1

Summer Palace
(Yihe Yuan)



Excursion Route 2

Old Summer Palace
(Yuanming Yuan)



Information for Presenters

Guidelines for Lecture Presentations

The lecture presentations will take place at **Elites Banquet Hall, Building 1, Zhongguanyuan Global Village, Peking University**. There are six types of lectures at ISNA-21 with the following timing guidelines (brief discussion is encouraged and should be included within the allotted time):

- Nozoe Lecture (NL - 60 min)
- Plenary Lectures (PL - 40 min)
- Keynote Lectures (KL - 30 min)
- Invited Lectures (IL - 20 min)
- Contributed Lectures (CL - 15 min)
- Flash Lectures (FL - 10 min)

Presenters should be available before the start of their session to meet the Session Chair and have their presentation uploaded to the computer supplied in the lecture hall. A volunteer will assist you in uploading your presentation.

There will be a PC available to accommodate PowerPoint and Acrobat Reader presentations. **A 16:9 aspect ratio is recommended for slides.** The computers are equipped with USB ports. Speakers should bring their presentation on a USB flash drive to preload it on one of the presentation computers.

Presenters are free to use their own laptop for their presentation but must ensure compatibility with the projector prior to the start of their session. An HDMI connection and a USB Type-C adapter are available in the lecture hall.

Microphones and a laser pointer will also be provided. A volunteer will assist with setting up the microphone prior to the presentation.

Guidelines for Poster Presentations

The poster sessions will take place on Monday and Tuesday evenings in the Lobby of **Building C, College of Chemistry and Molecular Engineering, Peking University**. Due to limited display space, posters will be rotated between the two sessions:

- Monday, August 10, 17:55–19:35: Poster Session 1 (Odd numbers)
- Tuesday, August 11, 17:55–19:35: Poster Session 2 (Even numbers)

Odd-numbered posters should be mounted ideally on Sunday afternoon or at the lunch break on Monday, but no later than before the first session starts. Please remove them after the Monday session ends.

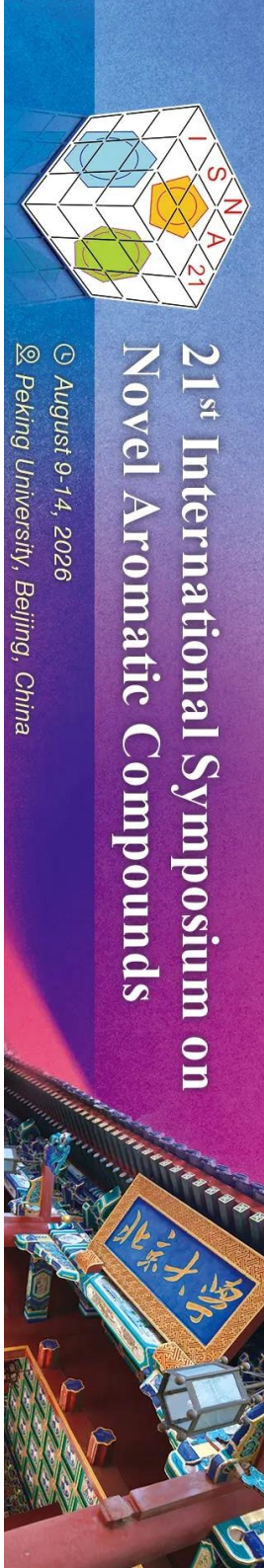
Even-numbered posters should be mounted ideally at the lunch break on Tuesday, but no later than before the second session starts. Please remove them after the Tuesday session ends.

Push pins and adhesive tape will be provided.

Presenters are required to be present at their poster during their assigned session.

Each poster board measures **90 cm (width) × 120 cm (height)**. Please ensure your poster fits within these dimensions.

9-Aug Sunday	10-Aug Monday	11-Aug Tuesday	12-Aug Wednesday	13-Aug Thursday	14-Aug Friday
	09:00 PL1- V. Yam 40 min	09:00 PL2- W. Chalifoux 40 min	09:00 PL3- T. Ogoshi 40 min	09:00 PL4- M. Mastalerz 40 min	09:00 PL5- M.-X. Wang 40 min
	IL1- M. von Delius 20 min	IL10- Xinliang Feng 20 min	IL19- T. Swager 20 min	IL24- Chunyan Chi 20 min	IL33- R. Tykwinski 20 min
	IL2- Qian Miao 20 min	IL11- M. Stępień 20 min	IL20- M. Abe 20 min	IL25- Deqing Zhang 20 min	IL34- Guan-Wu Wang 20 min
	10:20-10:40 Break	10:20-10:40 Break	10:20-10:40 Break	10:20-10:40 Break	10:20-10:40 Break
	IL3- M. Petrukhina 20 min	IL12- S. Yamaguchi 20 min	IL21- Y. Tobe 20 min	IL26- P. Ravat 20 min	CL27- Rong Zhu 15 min
	CL1- P. Gawel 15 min	CL8- Xuguang Liu 15 min	CL15- G. Bodwell 15 min	CL18- Zijie Qiu 15 min	FL14- Kai Chen 10 min
	IL4- Xiao- Ye Wang 20 min	IL13- Dahui Zhao 20 min	IL22- Huan Cong 20 min	IL27- Hua Wang 20 min	CL28- K. Komatsu 15 min
	CL2- Zhe Sun 15 min	CL9- Yong Ni 15 min	CL16- Yi Ren 15 min	CL19- Hong Zhang 15 min	FL15- Di Zhang 10 min
	FL1- Yueze Gao 10 min	FL5- Xueliang Shi 10 min	Session change	FL11- Zehua Wu 10 min	IL35- I. Stara 20 min
	12:00-13:30 Break	12:00-13:30 Break	IL23- Yuanzhi Tan 20 min	12:00-13:30 Break	11:50 Closing ceremony
	KL1- H. Anderson 30 min	KL2- Haiping Xia 30 min	CL17- Xiaozhang Zhu 15 min	IL28- A. Orthaber 20 min	
	IL5- H. Shinokubo 20 min	IL14- T. Kubo 20 min	FL9- Zheng Zhou 10 min	CL20- Qinghui Guo 15 min	
	FL2- Chaolumen 10 min	FL6- Shaoqiang Dong 10 min	FL10- M. Miranda 10 min	IL29- Y. Yakiyama 20 min	
	Session change	Session change	12:45 Break	Session change	
13:00 Registration	IL6- Jun Zhu 20 min	IL15- Junzhi Liu 20 min		IL30- Hua Jiang 20 min	
	CL3- B. Pigulski 15 min	CL10- Wen-Shan Zhang 15 min		CL21- Xike Gao 15 min	
	CL4- A. Konishi 15 min	CL11- Han Han 15 min		CL22- Shingo Ito 15 min	
	15:20-15:40 Break	15:20-15:40 Break		15:15-15:35 Break	
	IL7- M. Wagner 20 min	IL16- Y. Ishigaki 20 min		IL31- O. Dumele 20 min	
	CL5- Xing Jiang 15 min	CL12- Zexin Jin 15 min		CL23-Changshui Huang 15 min	
	CL6- M. Grzybowski 15 min	CL13- Ji Ma 15 min		CL24- Chongwei Zhu 15 min	
	FL3- Yuanming Li 10 min	FL7- Qing Wang 10 min		FL12- Cheng Zhang 10 min	
16:00 Opening	Session change	Session change	(Free time)	Session change	
16:30 Nozoe Lecture By Hiroyuki Isobe	IL8- De-Xian Wang 20 min	IL17- P. McGonigal 20 min		IL32- D. Werz 20 min	
	CL7- M. Majewski 15 min	CL14- Shi-Xia Liu 15 min		CL25- Chih-hsiu Lin 15 min	
	IL9- J.D.Tovar 20 min	IL18- R. Chauvin 20 min		CL26- Wallace Wong 15 min	
18:00 Reception	FL4- Jinjiang Zhang 10 min	FL8- Dennis Cao 10 min		FL13- Yong Yang 10 min	
	17:45 Break	17:45 Break		17:35 Break	
	17:55 Poster-I (Odd)	17:55 Poster-II (Even)		18:00 Banquet	
	19:35 End	19:35 End		Poster Awards	



Scientific Program by Day

9-Aug, Sunday

16:00 – 16:25 **Opening Ceremony**

Nozoe Lecture

16:30 – 17:30 **Chair: Timothy M. Swager**, *Massachusetts Institute of Technology, USA*

Nozoe Lecture: Hiroyuki Isobe, *The University of Tokyo, Japan*

Phenine Nanocarbon Molecules: Our Gateway to Molecular Science

18:00 **Welcome Reception**

https://disk.pku.edu.cn/link/AA6E8200822CC74893B4B08BEF0708E9ED

Use this QR code for Abstracts

10-Aug, Monday

Morning Session

09:00 – 09:40 **PL-01: Vivian Wing-Wah Yam**, *The University of Hong Kong, Hong Kong, China*
Control of Excited States, Nanostructures and Functions Through Molecular Design and Supramolecular Assembly

09:40 – 10:00 **IL-01: Max von Delius**, *Ulm University*, *Germany*
Light-responsive and Rigidified Multispin Systems

10:00 – 10:20 **IL-02: Qian Miao**, *The Chinese University of Hong Kong, Hong Kong, China*
Toward Negatively Curved Carbons

10:20 – 10:40 **Coffee Break**

10:40 – 11:00 **IL-03: Marina A. Petrukhina**, *University at Albany, State University of New York, USA*
Reduction-Induced Responses of Molecular Nanographenes

11:00 – 11:15 **CL-01: Przemysław Gaweł**, *University of Warsaw, Poland*
Functional Multichromophore Molecular Systems

11:15 – 11:35 **IL-04: Xiao-Ye Wang**, *Nankai University, China*
Unlocking the Potential of Nonbenzenoid Acepleiadylene for Optoelectronic Applications

11:35 – 11:50 **CL-02: Zhe Sun**, *Tianjin University, China*
Polycyclic Hydrocarbon Radicals

11:50 – 12:00 **FL-01: Yueze Gao**, *University of Chinese Academy of Sciences, China*
Stabilization of Cyclocarbon by Catenane Formation

12:00 – 13:30 **Lunch Break**

Afternoon Session

13:30 – 14:00 **KL-01: Harry Anderson**, *University of Oxford, United Kingdom*
Porphyrin Nanorings and Nanobelts

14:00 – 14:20 **IL-05: Hiroshi Shinokubo**, *Nagoya University, Japan*
Antiaromatic Norcorroles with Electron-Withdrawing Substituents

14:20 – 14:30 **FL-02: Chaolumen**, *Inner Mongolia University, China*
Synthesis of Chirally-Twisted Nanographenes

14:30 – 14:50 **IL-06: Jun Zhu**, *The Chinese University of Hong Kong, Shenzhen, China*
Adaptive Aromaticity and Its Application to Singlet Fission

14:50 – 15:05 **CL-03: Bartłomiej Pigulski**, *University of Wrocław, Poland*
Synthesis of Azulene-embedded PAHs via Scholl oxidation

10-Aug, Monday

15:05 – 15:20 **CL-04: Akihito Konishi**, *The University of Osaka, Japan*
A New Horizon in Non-alternant Hydrocarbons

15:20 – 15:40 **Coffee Break**

15:40 – 16:00 **IL-07: Matthias Wagner**, *Goethe University Frankfurt, Germany*
From Antagonistic Phenalenyls to Adaptive Annulenes

16:00 – 16:15 **CL-05: Xing Jiang**, *South China University of Technology, China*
Alkyne Metathesis for Novel Aromatics

16:15 – 16:30 **CL-06: Marek Grzybowski**, *Institute of Organic Chemistry, Polish Academy of Sciences, Poland*
Stabilizing Acenes: Azaacenes as a Case Study

16:30 – 16:40 **FL-03: Yuanming Li**, *Fuzhou University, China*
Side-chain-type Metallocene-containing Macrocycles

16:40 – 17:00 **IL-08: Dexian Wang**, *Institute of Chemistry, Chinese Academy of Sciences, China*
Benzene Triimide Radical Anions

17:00 – 17:15 **CL-07: Marcin A. Majewski**, *University of Wrocław, Poland*
Conformation and Coordination Mode Switching in Complexes of *trans*-Vinylene Bridged Tetra- and Hexa-thiaporphyrinoids

17:15 – 17:35 **IL-09: J. D. Tovar**, *Johns Hopkins University, USA*
Supramolecular Electronic Materials from π-Peptide Self-Assembly

17:35 – 17:45 **FL-04: Jin-Jiang Zhang**, *Xi'an Jiaotong University, China*
Cyclophane-Based Shielding Strategy for Singly Dispersed Graphene Nanoribbons

17:45 – 17:55 **Break**

17:55 – 19:35 **Poster Session 1 (odd numbers)**

11-Aug, Tuesday

Morning Session

09:00 – 09:40 **PL-02: Wesley A. Chalifoux**, *University of Alberta*, *Canada*
Bottom-Up Synthesis and Chiroptical Investigation of Chiral Graphene Nanoribbon Oligomers

09:40 – 10:00 **IL-10: Xinliang Feng**, *Max Planck Institute of Microstructure Physics, Germany*
Precision Graphene Nanoribbons for Nanoelectronics and Quantum Materials

10:00 – 10:20 **IL-11: Marcin Stępień**, *University of Wrocław, Poland*
Electron-Deficient Aromatics. Multiredox Systems, Near-Infrared Dyes & Brønsted Acids

10:20 – 10:40 **Coffee Break**

10:40 – 11:00 **IL-12: Shigehiro Yamaguchi**, *Nagoya University, Japan*
Main-Group-Based Fluorophores with Environmental Responsiveness

11:00 – 11:15 **CL-08: Xuguang Liu**, *Tianjin University of Technology, China*
Boron/Nitrogen-Embedded Ullazines

11:15 – 11:35 **IL-13: Dahui Zhao**, *Peking University, China*
PAH-based High-spin Ground State Triradicals of Air Persistence

11:35 – 11:50 **CL-09: Yong Ni**, *Southern University of Science and Technology, China*
Synthesis of Topologically Nontrivial Molecular Nanocarbons

11:50 – 12:00 **FL-05: Xueliang Shi**, *East China Normal University, China*
Twisted and Open-Shell Polycyclic Aromatic Hydrocarbons: Synthesis and Optoelectronic/Magnetic Properties

12:00 – 13:30 **Lunch Break**

Afternoon Session

13:30 – 14:00 **KL-02: Haiping Xia**, *Southern University of Science and Technology, China*
Carbolong Chemistry: Challenging the Limits of Metal–Carbon Bonding

14:00 – 14:20 **IL-14: Takashi Kubo**, *The University of Osaka, Japan*
Recent Studies on Phenalenyl Radicals

14:20 – 14:30 **FL-06: Shaoqiang Dong**, *Tianjin University, China*
Luminescent Conjugated Hydrocarbon Radicals

14:30 – 14:50 **IL-15: Junzhi Liu**, *The University of Hong Kong, Hong Kong, China*
Hexaazulenocoronene

11-Aug, Tuesday

14:50 – 15:05 **CL-10: Wen-Shan Zhang**, *Heidelberg University, Germany*
Revealing the Active Catalytic Species in Ambient-Condition Arene Hydrogenation by In Situ Reductive Ruthenium Deposition on Pd/C

15:05 – 15:20 **CL-11: Han Han**, *Yongjiang Laboratory, China*
Spin Coupling in Macrocyclic Radicals

15:20 – 15:40 **Coffee Break**

15:40 – 16:00 **IL-16: Yusuke Ishigaki**, *Hokkaido University, Japan*
From Aromatic Dibenzotropylium to Unusual Bonds

16:00 – 16:15 **CL-12: Zexin Jin**, *Westlake University, China*
Chiral Helicenes at the Extremes: From [4]Helicene to [17]Helicene

16:15 – 16:30 **CL-13: Ji Ma**, *Institute of Chemistry, Chinese Academy of Sciences, China*
Tailoring π-Magnetism in Precision Nanographenes

16:30 – 16:40 **FL-07: Qing Wang**, *Xi'an Jiaotong University, China*
Conjugated Organic Cation Radicals: Photoelectromagnetic Properties and Applications in Organic Synthesis

16:40 – 17:00 **IL-17: Paul R. McGonigal**, *University of Oxford, United Kingdom*
Breaking Tropylium Rings in the Ground and Excited States

17:00 – 17:15 **CL-14: Shi-Xia Liu**, *University of Bern, Switzerland*
Exploration of *N*-Heteroaromatics for Topological Superconductors

17:15 – 17:35 **IL-18: Remi Chauvin**, *University of Toulouse, France*
Resurgence in Carbo-Benzene Chemistry: Phosphorus Derivatives

17:35 – 17:45 **FL-08: Dennis D. Cao**, *Macalester College, USA*
Pyrazolo[3,4-*f*]indazole-3,7-diones: Oxidation State and Nitrogen Substitution as Handles for Bright Emission and Long-Wavelength Absorption

17:45 – 17:55 **Break**

17:55 – 19:35 **Poster Session 2 (even numbers)**

12-Aug, Wednesday

Morning Session

09:00 – 09:40 **PL-03: Tomoki Ogoshi**, *Kyoto University, Japan*
Supramolecular Assemblies and Architectures Based on Pillar-Shaped Macrocycles: Pillar[*n*]arenes

09:40 – 10:00 **IL-19: Timothy M. Swager**, *Massachusetts Institute of Technology*, USA
Magneto-Optics of Molecular and Polymeric Materials

10:00 – 10:20 **IL-20: Manabu Abe**, *Hiroshima University, Japan*
Spin-State Control and Unconventional Aromaticity in Curved π-Conjugated Cycloparaphenylene Systems

10:20 – 10:40 **Coffee Break**

10:40 – 11:00 **IL-21: Yoshito Tobe**, *The University of Osaka, Japan*
Resurgence of *s*-Indacene Chemistry

11:00 – 11:15 **CL-15: Graham J. Bodwell**, *Memorial University of Newfoundland, Canada*
Synthesis of [*n*]Dibenzoacenophanes by π-Extension of the [*n*](2,7)Pyrenophanes Using a Modified Cava Reaction

11:15 – 11:35 **IL-22: Huan Cong**, *Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, China*
Conjugated Multi-macrocyclic Supramolecules

11:35 – 11:50 **CL-16: Yi Ren**, *ShanghaiTech University, China*
Hyperconjugation-Engineering in Overcrowded-Ethylene Decorated (Diaza)Phosphinines

11:50 – 12:10 **IL-23: Yuanzhi Tan**, *Xiamen University, China*
Synthesis and Functions of Molecular Carbons

12:10 – 12:25 **CL-17: Xiaozhang Zhu**, *Shanghai Jiao Tong University, China*
Quinoid-Type Organic Optoelectronic Materials and Functional Devices

12:25 – 12:35 **FL-09: Zheng Zhou**, *Tongji University, China*
Highly Reduced Arylbenzenes as Multielectron π-Ligands for Lanthanide Complexes

12:35 – 12:45 **FL-10: Miguel Angel Medel Miranda**, *POLYMAT, University of Basque Country (EHU), Spain*
Iterative Synthesis of Pyrene–Coronene Molecular Graphene Nanoribbons

12:45 **Break**

Afternoon: Excursion and free time

13-Aug, Thursday

Morning Session

09:00 – 09:40 **PL-04: Michael Mastalerz**, *Universität Heidelberg, Germany*
Condensation as Strategic Key-Reaction for the Synthesis of Large Polycyclic Aromatic Compounds

09:40 – 10:00 **IL-24: Chunyan Chi**, *National University of Singapore, Singapore*
Molecular Carbons with Different Shapes and Sizes: Synthesis, Aromaticity, and Electronic Properties

10:00 – 10:20 **IL-25: Deqing Zhang**, *Institute of Chemistry, Chinese Academy of Sciences, China*
Non-benzenoid Polycyclic Aromatic Hydrocarbons and Nano-belts toward New Organic Optoelectronic Materials

10:20 – 10:40 **Coffee Break**

10:40 – 11:00 **IL-26: Princekumar Ravat**, *University of Cologne, Germany*
Controlling Optical Anisotropy and Singlet-Triplet Energy Gaps through Helical Twist and (Anti)aromaticity

11:00 – 11:15 **CL-18: Zijie Qiu**, *The Chinese University of Hong Kong, Shenzhen, China*
From Benzene to [3]Radialene: Topological Engineering of Pure Hydrocarbons for Long-Wavelength Luminogens

11:15 – 11:35 **IL-27: Hua Wang**, *Henan University, China*
Photochemical Synthesis of Thiophene-based Helicenes and Their Chiroptical Properties

11:35 – 11:50 **CL-19: Hong Zhang**, *Xiamen University, China*
Strained Metallacycles Stabilized by Aromaticity

11:50 – 12:00 **FL-11: Zehua Wu**, *Xi'an Jiaotong University, China*
Modulating Molecular Vibrations for Enhancing Near-Infrared Fluorescent Performance

12:00 – 13:30 **Lunch Break**

Afternoon Session

13:30 – 13:50 **IL-28: Andreas Orthaber**, *Uppsala University, Sweden*
Phosphorous Meets Contorted Polyaromatics

13:50 – 14:05 **CL-20: Qing-Hui Guo**, *Tsinghua University, China*
Chemical Synthesis of Carbon-Rich Molecules and Materials

14:05 – 14:25 **IL-29: Yumi Yakiyama**, *The University of Osaka, Japan*
Curvature-Driven Electronic Functions in Sumanene-Based Materials

13-Aug, Thursday

14:25 – 14:45 **IL-30: Hua Jiang**, *Beijing Normal University, China*
Functionalized Carbon Nanohoops for Supramolecular Application

14:45 – 15:00 **CL-21: Xike Gao**, *Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, China*
Azulene-Based Conductive Polymers

15:00 – 15:15 **CL-22: Shingo Ito**, *Nanyang Technological University, Singapore*
A Highly Twisted Alkene with a Triplet Diradical Ground State

15:15 – 15:35 **Coffee Break**

15:35 – 15:55 **IL-31: Oliver Dumele**, *University of Cologne, Germany*
Straining Azulene into Cycloazulenylene

15:55 – 16:10 **CL-23: Changshui Huang**, *Institute of Chemistry, Chinese Academy of Sciences, China*
The Interface Design of Graphdiyne for Electrochemical Energy Application

16:10 – 16:25 **CL-24: Chongwei Zhu**, *Anhui Normal University, China*
C60-Templated Supramolecular Assembly of Saddle-shaped Nanographenes

16:25 – 16:35 **FL-12: Cheng Zhang**, *Sichuan University, China*
Polar Aggregation of Subphthalocyanines for Ultrafast Photothermal Conversion

16:35 – 16:55 **IL-32: Daniel B. Werz**, *University of Freiburg, Germany*
Extended BODIPY Oligomers

16:55 – 17:10 **CL-25: Chih-hsiu Lin**, *Academia Sinica, Taiwan, China*
Bay-Substituted 6,7-Dihydrodibenzo[*b,j*][4,7]phenanthroline— A Versatile Module to Engineer and Measure π-π Stacking

17:10 – 17:25 **CL-26: Wallace Wong**, *University of Melbourne, Australia*
Solvatochromism of Pyridinium Phenolates

17:25 – 17:35 **FL-13: Yong Yang**, *Southeast University, China*
Facile Construction of Polycyclic Nanocarbons via Radical-mediated Coupling

17:35 – 18:00 **Break**

18:00 **Banquet and Poster Awards**

14-Aug, Friday

Morning Session

09:00 – 09:40 **PL-05: Meixiang Wang**, *Tsinghua University, China*
Conjugated Zigzag-type Molecular Belts

09:40 – 10:00 **IL-33: Rik Tykwinski**, *University of Alberta, Canada*
Taming [*n*]Cumulenes as Building Blocks for Aromatic Molecules

10:00 – 10:20 **IL-34: Guanwu Wang**, *Anhui Normal University*, *China*
Electrosynthesis of Functionalized Fullerenes

10:20 – 10:40 **Coffee Break**

10:40 – 10:55 **CL-27: Rong Zhu**, *Peking University, China*
Cumulene-based Polymers: Synthesis and Functions

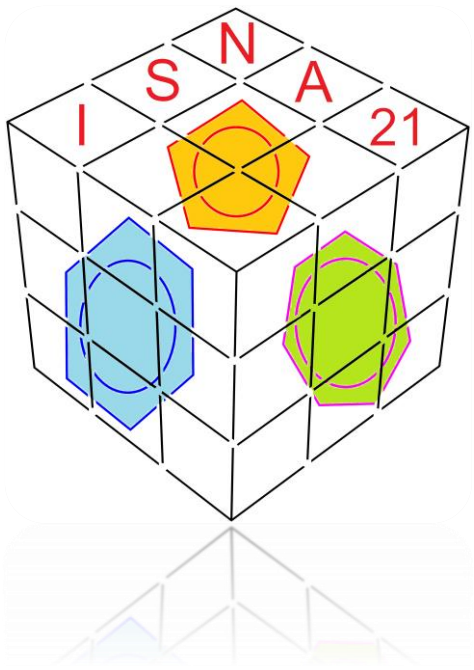
10:55 – 11:05 **FL-14: Kai Chen,** *Tsinghua University, China*
N-Bordered Quaterrylene Arches via Programmable Curved π-Extension

11:05 – 11:20 **CL-28: Koichi Komatsu**, *Kyoto University, Japan*
A Story Behind the Synthesis of H_2@C60

11:20 – 11:30 **FL-15: Di Zhang**, *Peking University, China*
Air-Stable High-Spin Carbon Radicals Enabled by Polycyclic Aromatic Scaffolds

11:30 – 11:50 **IL-35: Irena G. Stará**, *IOCB Prague, CAS, Czech Republic*
Multifaceted Expressions of Helical Chirality

11:50 **Closing Ceremony**



Poster Session 1

10-Aug, Monday (Odd Numbers)

P-001 Jorge Labella, *Kyoto University, Japan*
A Stable, NH-Doped Chiral Nanographene

P-003 Maksymilian Borkowski, *University of Wrocław, Poland*
Mono- and Bilayer Nonbenzenoid Nanographenes Containing Multiple Azulene Units

P-005 Clara Douglas, *University of Cologne, Germany*
Cycloazulenylene

P-007 Robert Neubaur, *Goethe University Frankfurt, Germany*
A Three-Step Approach to Extend the Boracene Library

P-009 Wolfgang Kies, *University of Cologne, Germany*
COF Synthesis via Asymmetric Cyclotrimerization

P-011 Xinyi Xiao, *The University of Tokyo, Japan*
Concentration-Dependent Yield Analysis for Kinetics: A Case Study with Oligomeric Macrocyclization

P-013 Sven Mühl, *Heidelberg University, Germany*
Dicyanovinyl-Functionalized Pentalene-Containing PAHs and Their Charged Species

P-015 Bartosz Szymański, *University of Warsaw, Poland*
^{1}H NMR Chemical Shift as an Index of UV-Vis Absorption/Emission Maxima in Aromatic Dyes

P-017 Piotr Kaszynski, *Polish Academy of Sciences, Poland*
[2.2]Paracyclophane as a Planarly Prochiral Platform for Blatter Diradicals

P-019 Błażej Peta, *University of Warsaw, Poland*
Highly Organized Multi-Chromophore Systems for Organic Optoelectronics

P-021 Xiaochen Li, *The University of Osaka, Japan*
Synthetic Attempts toward Novel Azulene-Fused Pentalenes

P-023 Marcin Szymon Malecki, *Institute of Organic Chemistry and Biochemistry of the CAS, Czech Republic*
Toward Enantiopure π-Conjugated Macrocycles Based on Helicenes

P-025 Moritz Leonhardt, *University of Heidelberg, Germany*
Naphthyl-Separated Stone–Wales Defect-Type Nanographene via Scholl Cyclization of Tetra(1-naphthyl)naphthalene

P-027 Ashley M. Cole, *University of Missouri-Kansas City, USA*
Computational and Experimental Study of Structural Effects on Optoelectronic Properties in Pyrene-, Phenanthrene-, and Acenaphthene-Based PAHs

P-029 Toshiya M. Fukunaga, *The University of Tokyo, Japan*
Expanded Segments of Three-Dimensional Carbonaceous Nets with Chirality: Synthesis and Structures

Poster Session 1

10-Aug, Monday (Odd Numbers)

P-031 Paweł Mitka, *University of Warsaw, Poland*
Chiral BINOL-Based Push-Pull Architectures for New Optoelectronic Materials

P-033 Ryohei Kishi, *The University of Osaka, Japan*
Diphenoquinone as a Prototype of Singlet Fission Chromophores: A Theoretical Study

P-035 Marina Petrukhina, *University at Albany, State University of New York, USA*
Controlling Crystal Packing: A Structural Investigation of Partially Oxidized Small Planar Polyarenes

P-037 Kaysa Sekhavati, *University of Manchester, United Kingdom*
Chiroptical Properties of [7]-Helicene Diimide with Extended Backbone

P-039 Joel Schlecht, *University of Cologne, Germany*
Harnessing Aromaticity in π-Extended Spin-State Switches

P-041 Olena Vakuliuk, *Institute of Organic Chemistry, Polish Academy of Sciences, Poland*
Rethinking a Well-Known Building Block: Unusual Reactivity of Diethyl Mesoxalate toward Annulated 1,4-dihydropyrrolo[3,2-b]pyrroles

P-043 Danjun Fu, *National University of Singapore, Singapore*
Biradical-Mediated Synergistic Electrocatalysis using Metal-Free Redox Molecular Catalysts

P-045 Jakob Walter, *Julius-Maximilians-Universität Würzburg (University of Würzburg), Germany*
Boron-Doped Tetraoxaporphyrins with Global Aromaticity

P-047 Mariusz Tasior, *Institute of Organic Chemistry of Polish Academy of Sciences, Poland*
Computer-Generated, Mechanistic Networks Assist in Assigning the Outcomes of Complex Multicomponent Reactions

P-049 Ka Man Cheung, *University of Oxford, United Kingdom*
Influence of Global Aromaticity on Porphyrin Nanobelts

P-051 Yi Han, *National University of Singapore, Singapore*
Synthesis and Chiroptical Properties of a C_2-Symmetric Fully π-Conjugated Carbon Nanobelt

P-053 Jinji Zhang, *Osaka University, China*
From Antiaromatic COT to 3D Graphene: Synthesis and Characterization of a Phenalenyl-Based Tetraradicaloid Hydrocarbon

P-055 Yanbang Li, *Institute of Chemistry, Chinese Academy of Sciences, China*
Carbon-Heteroatom Nanobelts: Construction, Properties and Applications

P-057 Tianchen Song, *Institute of Chemistry, Chinese Academy of Sciences, China*
Synthesis and Properties of Pyrrole-Embedded Nanobelts

Poster Session 1

10-Aug, Monday (Odd Numbers)

P-059 Jingpeng Zhang, *Kyushu University, Japan*
Heavy-Atom-Embedded Narrowband Emitters with Accelerated Triplet–Singlet Interconversion and Green-to-Red Emission

P-061 Taoyu Weng, *Hebei Normal University, China*
Spin-Coupling Behavior in Open-Shell Graphene Fragments

P-063 Bastian Rojas Deij, *Ruprecht-Karls-Universität Heidelberg, Germany*
Dynamics and Conformational Stability of Chiral Bay‐Phenolate Substituted Twisted Octaazaperopyrenedioxides (OAPPDOs)

P-065 Yiming Chen, *Technical Institute of Physics and Chemistry CAS, China*
High-Order Cyclic Daisy Chains with All-Benzene Scaffolds

P-067 Yu Wang, *Zhejiang Sci-Tech University, China*
Heptagon-Containing Chiral Conjugated Molecules with a Locked Helical Clamp-Shaped Conformation: Synthesis and Aggregation Properties

P-069 Meng-xue Yu, *Institute of Chemistry, Chinese Academy of Sciences, China*
A Bow-Like Axially Chiral Cycloparaphenylene with Simultaneously Enhanced Photoluminescence Quantum Yield and Dissymmetry Factor

P-071 Sara Borghi, *University of Oxford, United Kingdom*
A Negatively-Curved Porphyrin Circulene

P-073 Lina Marie Filla, *Freie Universität Berlin, Germany*
Late-Stage Functionalization of Hexa-Peri-Benzocoronene-Fluoranthene Hybrid Influenced by Dynamic Inversion of Helicity

P-075 Boris Borisov, *Dresden University of Technology, Germany*
Non-Planar Carbon Nanostructures through Heptagon Incorporation and Helical Edge Engineering: Synthesis and Properties

P-077 Damian Kusy, *Polish Academy of Sciences, Institute of Organic Chemistry, Poland*
π-Extended Pyrrolopyrrole-Based Nanographenes and Double Helicenes for Chiral Optoelectronics

P-079 Navid Fardan, *University of Tuebingen, Germany*
Synthesis and Investigations of Monoketone-Bridged Acene Precursors towards Analysis of Higher Acenes

P-081 Norihito Fukui, *Nagoya University, Japan*
An X-Shaped Chiral Non-Fullerene n-Type Semiconductor: Application in Perovskite Solar Cells and Chirality-Induced Spin Selectivity

P-083 Xin Zhang, *Tianjin University, China*
Crystallization-Induced Dimerization and Solution-Phase Bond Dissociation of Stable Dibenzoolympicenyl Radicals

Poster Session 1

10-Aug, Monday (Odd Numbers)

P-085 Paulina Bartos, *University of Lodz, Poland*
Construction of Stable π-Extended Radicals for Electronic and Magnetic Applications

P-087 Shuhai Qiu, *The University of Hong Kong, Hong Kong, China*
N-Doped Nonalternant Molecular Bowl/Saddle Hybrids

P-089 Rui Gao, *University of Würzburg, Germany*
Synthesis of Ultra-Large Heptagon-Containing Conjugated Systems

P-091 Ren-ya Kurata, *The University of Osaka, Japan*
Singlet Fission Dynamics in Covalently-Linked Heterodimers of Oligoacene Derivatives: A Theoretical Study

P-093 Jieyu Li, *Westlake University, China*
Synthesis and Optical Properties of Donor-Acceptor [*n*]Helicenes

P-095 Zeyi Li, *Jilin University, China*
Ribbon-Type Boron-Doped Molecular Carbons for Organic Laser

P-097 Liuzhong Yuan, *Jilin University, China*
Nitrogen- and Boron-Doped Organic Diradicaloids as Wide-Absorption Materials

P-099 Yujia Liu, *Jilin University, China*
Topological Control of Boron-Doped Molecular Carbons

P-101 Yan Wang, *University of Hong Kong, Hong Kong, China*
Cyclo-Para-Azulenes: Segments of Metallic Non-Alternant Carbon Nanotubes

P-103 Mikiko Anzo, *The University of Tokyo, Japan*
Zinc-Promoted Anionic Cyclization for Construction of Spiro-Conjugated Molecules

P-105 Chang Wang, *The University of Hong Kong, Hong Kong, China*
Axially Chiral Nonalternant Molecular Carbon with Consecutive Pentagons Exhibiting Large Spin-Polarized Current

P-107 Hongfei Jiang, *Institute of Chemistry, Chinese Academy of Sciences, China*
Synthesis and Magneto-Chiral Optical Study of Benzene Triimide Cages with Alternative Linkers

P-109 Yi-Meng Zhang, *Institute of Chemistry, Chinese Academy of Sciences, China*
Chiral Cages with Asymmetric π-Clefts Enable Catalytic Enantioconvergent SN_1 Transformation via Synergistic Cation–π and Anion–π Interactions

P-111 Tingting Xu, *Hefei University of Technology, China*
Structural Design, Synthesis and Applications of Monoradical-Based Organic Materials

P-113 Yuki Tanaka, *Nagoya University, Japan*
Synthesis of End-to-End Bent Perylene Bisimide Cyclophanes by Sulfur Extrusion Reaction

Poster Session 1

10-Aug, Monday (Odd Numbers)

P-115 Liping Ye, *Ruprecht-Karls-Universität Heidelberg, Germany*
Chirality Assisted Synthesis of Curved Molecular Architectures

P-117 Yu Ren, *Peking University, China*
Synthesis and Functions of Cycloparaphenylene-Based Materials

P-119 Jinlian Hu, *Eastern Institute of Technology, China*
S-Shaped Helical Singlet Diradicaloid and Its Transformation to Circumchrysene via a Two-Stage Cyclization

P-121 Xin Xie, *The Chinese University of Hong Kong, Hong Kong, China*
Electrochemical Control of Scholl Reaction: Arenium Cation versus Radical Cation Pathways

P-123 Ming-Wei Wang, *Tsinghua University, China*
Aromatic Fragment of Schwarzite P192: Conserved Structural Motifs with Multiple Octagons

P-125 Yaqiong Wang, *Peking University, China*
Synthesis and Application of Oxa-Open-Cage Fullerenes

P-127 Yiheng Lu, *University of Melbourne, Australia*
Tuning Violanthrone toward In-Air Upconversion Below the Silicon Bandgap

P-129 Yize Xu, *Peking University, China*
Electronic Structure Modulation in Cumulenes

P-131 Yuhuan Geng, *Xiamen University, China*
Precise Synthesis of All-Carbon and BN-Embedded Helical Bilayer Nanographenes: Toward Enantioselective Construction and Chiroptical Control

P-133 Jinxiao Yang, *Peking University, China*
1,2-Diphosphabenzene-Bridged Titanium Sandwich Complexes via P_4 Activation: Synthesis, Structure, and Electronic Properties

P-135 Yafei Shi, *Tsinghua University, China*
Developing B/N-Doped Zigzag π-Conjugated Nanobelts

P-137 Yi-Yao Xu, *Tsinghua University, China*
Molecular Cages Based on N-Doped Zigzag-Type Aromatic Truncated Cone Belts

P-139 Zhiyu Zhang, *Inner Mongolia University, China*
Synthesis and Properties of Nanographenes with Contorted Pyrene Core

P-141 Yiwei Dong, *The Chinese University of Hong Kong, Hong Kong, China*
A Diels–Alder Route to Carbon Schwarzite Nanobelts and a Dimerization Derived Figure Eight Shaped Nanobelt

P-143 Nidhin Ravi, *University of Cologne, Germany*
Synthesis of Homochiral Carbon Nanostructures

Poster Session 1

10-Aug, Monday (Odd Numbers)

P-145 Zhiwei Li, *Tianjin University of Technology, China*
Phenanthrene-Fused BN-Acenaphth(yl)ene

P-147 He Meng, *Inner Mongolia University, China*
Chirally Twisted Nanographene with Green Circularly Polarized Luminescence

P-149 Yong-Kang Guo, *Nankai University, China*
Highly Luminescent Near-Infrared Chiral Materials Based on B,N-Embedded Multiple Helicenes

P-151 Shike Huang, *Inner Mongolia University, China*
Stereo-Engineering of Chiral Nanographenes

P-153 Ignacio A. Rivas, *University of Malaga, Spain*
Harnessing Open-Shell Difluorenothiophene (DFTh): From Organic Optoelectronics to Spintronics

P-155 Amira Andrina Christin Hartmann, *University of Cologne, Germany*
Through-Bond and Through-Space Conjugation in Proton-Responsive [8]Helicene Bisbenzimidazoles

P-157 Yan Zhang, *The University of Tokyo, Japan*
Structural Editing of π-Conjugated Systems toward Functional Aza-π Architectures via Iron Catalysis

P-159 Tengfei Meng, *Tianjin University of Technology, China*
Facile Functionalization of Bis-BN-Anthracene

P-161 Junjun Xiang, *Shanghai Institute of Organic Chemistry, China*
Poly(Vinyl Azulene)s: An Emerging Class of Poly(Vinyl Arene)s

P-163 Takuto Kohzuma, *The University of Osaka, Japan*
Magnetic Properties of Equidistantly Stacked Phenalenyl Chains

P-165 Athan Gogoulis, *The University of British Columbia, Canada*
Investigating Vibronic Coupling Effects in Multiple-Resonance Thermally Activated Delayed Fluorescence Molecules

P-167 Jialin Ming, *Chengdu University, China*
Transition-Metal-Catalyzed Asymmetric Arylation

Poster Session 2

11-Aug, Tuesday (Even Numbers)

P-002 Toma Bhowmick, *Uppsala University, Sweden*
Designing Phosphaalkene-Based Intramolecular Donor-Acceptor Systems

P-004 Antonia Rocha Ortiz, *Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany*
Hexabenzocoronene–Benzimidazole Hybrid Architectures and Faraday Rotation of the First Hexabenzocoronene–Phthalocyanine

P-006 Christoph Buch, *Goethe University Frankfurt, Germany*
Photochemistry of a Bis-Boron-Doped Dibenzobarrelene

P-008 Kaho Takeuchi, *The University of Osaka, Japan*
Synthesis and Properties of Benzo[cd]azulenyl Derivative and Formation of a Thermally Photoresponsive *σ*-Dimer

P-010 Haruka Kano, *SOKENDAI (The Graduate University for Advanced Studies), Japan*
Reversible and Irreversible Encapsulation of Aromatic Molecules by a Cage-Shaped Hexabenzocoronene Dimer

P-012 Wenying Cui, *Université de Rennes, France*
Merging Platinahelicene and Nanographene: A Strategy for Circularly Polarized Phosphorescence in the Near-Infrared (NIR)

P-014 Muhammad Imran, *Max Planck Institute of Microstructure Physics, Germany*
A Topologically Frustrated Diradical Nanographene: Synthesis and Spin Qubit Properties

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