

The 21st Beijing Conference and Exhibition on Instrumental Analysis (BCEIA 2025)

Academic Conference Third Circular

The 21st Beijing Conference and Exhibition on Instrumental Analysis (BCEIA 2025) is scheduled to be held on September 10-12, 2025, at China International Exhibition Center (Shunyi Hall), Beijing. Adhering to the vision of "Analytical Science Creates Future", BCEIA 2025 will continue to host academic conferences, forums, and exhibitions under the theme of "40 Years Prosperity, A New Era of Analytical Science", Prof. Guibin Jiang from the Research Center for Eco-Environmental Sciences, CAS is the President of BCEIA2025. Prof. Maili Liu from the Innovation Academy for Precision Measurement Science and Technology, CAS is chairing the BCEIA 2025 Academic Committee.

The BCEIA2025 Academic Conference will feature a plenary session, parallel sessions, seminars, and thematic forums, focusing on national strategic directives and international scientific and technological frontiers, to establish an interdisciplinary communication and exchange platform. The Plenary session will concentrate on novel areas such as life sciences and the advancement of analytical technologies through AI, engaging in discussions on emerging challenges and opportunities. It will also reflect on BCEIA's progress over the past 40 years and project its prospects. 18 parallel sessions with content spanning from instrument research and development to innovative methodologies, technologies, and applications across multidisciplinary fields will be held, featuring a variety of hot topics in analytical science. Simultaneously, thematic academic forums with diverse themes and substantial content will be conducted. Furthermore, the conference will organize numerous scientific journal meetings and "Meet the Editor" academic exchange activities. To nurture upcoming talented researchers, the conference has launched a dedicated poster exhibition, emphasizing the presentation of the latest research findings from outstanding young scientists worldwide. The China Association for Instrumental Analysis will support the exceptional posters in partnership with esteemed international academic institutions (The Royal Society of Chemistry and the American Chemical Society) .

With a total exhibition area of 53,400 m², BCEIA 2025 will showcase cutting-edge worldwide technologies and state-of-the-art instruments in the field of analytical sciences.

We sincerely look forward to your participation!

Conference Date: September 9-13, 2025 (9th On-site Registration; 10th -12th Conference; 13th Adjourn)

Conference Website: www.bceia.org.cn

Exhibition Date: September 10-12, 2025

Venue: China International Exhibition Center (Shunyi Hall), Beijing, China

Approved by: Ministry of Commerce of the People's Republic of China

Sponsor: China Association for Instrumental Analysis (CAIA)

BCEIA 2025 Organization

Chairperson

Guibin Jiang Professor, Research Center for Eco-Environmental Sciences, CAS

Vice Chairperson

Yukui Zhang Professor, Dalian Institute of Chemical Physics, CAS
 Xuemin Zhang Professor, Academy of Military Medical Sciences
 Xiurong Yang Professor, Changchun Institute of Applied Chemistry, CAS
 Maili Liu Professor, Innovation Academy for Precision Measurement Science and Technology, CAS
 Xinrong Zhang Professor, Tsinghua University
 Zeper Abliz Professor, Minzu University of China
 Chengyan Liu Professor, Liaoning Academy of Analytical Sciences
 He Tian President and General Manager, Beijing Purkinje General Instrument Co., Ltd.
 Huwei Liu Professor, Peking University
 Lihua Zhang Professor, Dalian Institute of Chemical Physics, CAS
 Zhigang Yang President, NCS Testing Technology Co., Ltd.
 Xueti Wu China Association for Instrumental Analysis

Organizing Committee

Chair

Huwei Liu Professor, Peking University

Vice Chair

Xinrong Zhang Professor, Tsinghua University
 Xinxiang Zhang Professor, Peking University
 Jinghua Zhang President, Professor, Beijing Physical & Chemistry Testing Technology Society
 Dongfa Guo Deputy Chief Engineer, Senior Engineer, Beijing Research Institute of Uranium Geology (BRIUG)
 Bitao Yin Vice Secretary General, China Association for Instrumental Analysis
 Hongmei Li Professor, Beijing University of Chemical Technology
 Zhenzhu Ma Senior Engineer, China Testing & Certification International Group Co., Ltd.
 Jiangnan Chen Professor, Institute of Analysis, Guangdong Academy of Sciences
 Yi Lv Professor, Sichuan University
 Haitao Liu General Manager, China Geological Equipment Group Co., Ltd.

Academic Committee

Chair

Maili Liu Professor, Innovation Academy for Precision Measurement Science and Technology, CAS

Vice Chair

Yukui Zhang Professor, Dalian Institute of Chemical Physics, CAS
 Guibin Jiang Professor, Research Center for Eco-Environmental Sciences, CAS
 Xuemin Zhang Professor, Academy of Military Medical Sciences
 Xiurong Yang Professor, Changchun Institute of Applied Chemistry, CAS
 Jinghong Li Professor, Tsinghua University

Secretary-General

Xinrong Zhang Professor, Tsinghua University

Plenary Lectures

Date: 10th September 9:20-12:20

Location: W201, West Conference Area 2F (South Hall, China International Exhibition Center (Shunyi Hall))

Language: English

Schedule of the Opening Ceremony & Plenary Session			
Chair: Prof. Xinrong Zhang, Tsinghua University			
09:20-09:40	Opening Remarks by BCEIA2025 Chairman, Prof. Guibin Jiang Congratulatory Address by JAIMA Managing Director, Mr. Hideto Yoshida (International Cooperative Partner Representative) Introductory Remarks by BCEIA2025 Academic Committee Chairman, Prof. Maili Liu		
Co-Chairs: Prof. Yukui Zhang, Academician of the Chinese Academy of Sciences, Dalian Institute of Chemical Physics, CAS Prof. Zhifang Chai, Academician of the Chinese Academy of Sciences, Institute of High Energy Physics (IHEP), CAS			
Time	No.	Topic	Lecturer
09:40-10:10	1	Ushering in a New Paradigm: 40 Years of the Most Glorious Analytical Science in China	Prof. Guibin Jiang Academician of the Chinese Academy of Sciences Chairman of BCEIA2025 China Association for Instrumental Analysis Research Center for Eco-Environmental Sciences, CAS
10:10-10:50	2	High Throughput Single Cell Mass Spectrometry to Unravel Cell Heterogeneity in Health and Disease	Prof. Jonathan V. Sweedler James R. Eiszner Family Endowed Chair in Chemistry, University of Illinois at Urbana-Champaign Editor-in-Chief of Analytical Chemistry
10:50-11:00	Coffee Break		
Co-Chairs: Prof. X. Chris Le, Fellow of the Royal Society of Canada, University of Alberta, Canada Prof. Xiurong Yang, Academician of the Chinese Academy of Sciences, Changchun Institute of Applied Chemistry, CAS			
11:00-11:40	3	Genomic Medicine Advances by DNA Sequencing and Single-Cell Omics Technologies	Prof. Xiaoliang Sunney Xie Academician of the Chinese Academy of Sciences Changping Laboratory Peking University
11:40-12:20	4	AI-inspired Algorithms for Microscopies	Prof. Weinan E Academician of the Chinese Academy of Sciences Peking University Princeton University

Parallel Sessions

Date: 10th -12th September

Location: East & West Conference Area-South Hall

Language: English

Click on the hyperlink of the Parallel Sessions' name to access detailed information.

Meeting agenda updating in progress.

1. Electron Microscopy and Materials Science

Date: Sept. 10-12 | Meeting Room: E201 (East Conference Area 2F)

Co-Chairs

Prof. Rong Yu, Tsinghua University

2. Mass Spectrometry

Date: Sept. 11-12 | Meeting Room: W105 (West Conference Area 1F)

Co-Chairs

Prof. Xing-Fang Li, University of Alberta, Canada

Prof. Yu Bai, Peking University

3. Spectral and Imaging Analysis

Date: Sept. 10 afternoon–Sept. 12 | Meeting Room: E203 (East Conference Area 2F)

Co-Chairs

Prof. Yan He, Tsinghua University

Prof. Peng Xi, Peking University

4. Chromatography based Separation Science

Date: Sept.11-12 | Meeting Room: W103 (West Conference Area 1F)

Co-Chairs

Prof. Yukui Zhang, Member of CAS, Dalian Institute of Chemical Physics (DICP), CAS

Prof. Dr. Lihua Zhang, Dalian Institute of Chemical Physics (DICP), CAS

5. Magnetic Resonance

Date: Sept. 10 afternoon–Sept. 12 | Meeting Room: E303 (East Conference Area 3F)

Co-Chairs

Prof. Shenlin Wang, East China University of Science and Technology

6. Electroanalytical Chemistry

Date: Sept.11-12 | Meeting Room: W102 (West Conference Area 1F)

Co-Chairs

Prof. Jing Li, Changchun Institute of Applied Chemistry, CAS

Prof. Chengzhou Zhu, Central China Normal University

7. Establishment of Toxicological Analysis Professional Committee of China Association for Instrumental Analysis, and Symposium of Cutting-edge and Cross-Disciplinary Toxicological Analysis

Date: Sept. 11 –Sept. 12 morning | Meeting Room: E206 (East Conference Area 2F)

Co-Chairs

Prof. Lei Guo, Academy of Military Medical Sciences

8. Environmental Analysis

Date: Sept. 11–Sept. 12 morning | Meeting Room: W104 (West Conference Area 1F)

Co-Chairs

Prof. Qian Liu, Research Center for Eco-Environmental Sciences, CAS

Prof. Xiangdong Li, The Hong Kong Polytechnic University

Prof. X. Chris Le, University of Alberta

9. Chemical Metrology and Reference Materials

Date: Sept.11-12 | Meeting Room: W202 (West Conference Area 2F)

Co-Chairs

Prof. Hongmei Li, Beijing University of Chemical Technology

10. Micro Total Analysis

Date: Sept.11-12 | Meeting Room: E306 (East Conference Area 3F)

Co-Chairs

Prof. Jin-Ming Lin, Tsinghua University;
Prof. Kazuma Mawatari, Waseda University

11. Nanoanalysis

Date: Sept. 10 afternoon–Sept. 12 | Meeting Room: E301 (East Conference Area 3F)

Co-Chairs

Prof. Yi-Tao Long, Nanjing University
Prof. Leyu Wang, Beijing University of Chemical Technology

12. Analytical Methods and Technologies for New Pollutants

Date: Sept. 11 afternoon–Sept. 12 morning | Meeting Room: E209 (East Conference Area 2F)

Co-Chairs

Prof. Minghui Zheng, Hangzhou Institute for Advanced Study
Dr. Zhiqiang Yu, Guangzhou Institute of Geochemistry, CAS

13. Establishment and Symposium for Chemometrics and Artificial Intelligence Professional Committee of China Association for Instrumental Analysis (CAIA)

Date: Sept. 10 afternoon–Sept. 11 | Meeting Room: E311 (East Conference Area 3F)

Co-Chairs

Prof. Xueguang Shao, Nankai University
Prof. Hailong Wu, Hunan University
Prof. Hua Li, Xi'an Shiyong University
Prof. Hongmei Lu, Central South University

14. Sample Preparation

Date: Sept.12 | Meeting Room: E302 (East Conference Area 3F)

Co-Chairs

Prof. Gangfeng Ouyang, Sun Yat-sen University
Prof. Tiangan Luan, Wuyi University

15. Establishment and Symposium for Life Omics Professional Committee of China Association for Instrumental Analysis (CAIA)

Date: Sept. 10 afternoon–Sept. 11 morning | Meeting Room: E209 (East Conference Area 2F)

Co-Chairs

Prof. Zongwei Cai, Hong Kong Baptist University/Eastern Institute of Technology, Ningbo

16. Surface and Interface Chemical Analysis

Date: Sept.11 | Meeting Room: E210 (East Conference Area 2F)

Co-Chairs

Prof. Fuyi Wang, Institute of Chemistry, CAS
Prof. Wenqing Yao, Tsinghua University
Prof. Jian Chen, Sun Yat-sen University,

17. Analytical Pharmacy and Analysis for Life and Public Safety

Date: Sept. 10 afternoon–Sept. 11 morning | Meeting Room: E302 (East Conference Area 3F)

Co-Chairs

Prof. Chengzhi Huang, Southwest University
Prof. Jianzhong Lu, Fudan University

Prof. Qionglin Liang, Tsinghua University
 Prof. Haiyan Xie, Peking University
 Prof. Xiaofei Chen, Naval Medical University

18. POCT Testing and Inspection

Date: Sept.12 | **Meeting Room:** E311 (East Conference Area 3F)

Co-Chairs

Prof. Chenzhong Li, the Chinese University of Hong Kong, Shenzhen
 Prof. Weihua Lai, Nanchang University
 Prof. Tingrui Pan, University of Science and Technology of China
 Prof. Zong Dai, Sun Yat-sen University
 Prof. Jinhong Guo, Shanghai Jiao Tong University

Conference Language

The official language is English.

Conference Registration

Registration

Visit the conference website www.bceia.org.cn to proceed with registration.

Payment and Invoice

Conference Fee:

The conference fee applies to participants registering for the Plenary Lectures and Parallel Sessions (including Poster Sessions).

Type of Participant	Registration Fee (Standard)
Academia	1800CNY
Student (Must show student ID)	1200CNY

Benefits for Conference Delegates:

1. Conference proceedings and electronic abstract
2. Exclusive lunch and rest areas
3. Exclusive delegate badges and access credentials for efficient entry and identity verification
4. Priority access to academic parallel sessions, thematic forums, and concurrent meetings
5. Complimentary BCEIA shuttle bus service, covering over 20 stops across Beijing and nearby

Conference partner hotels

Payment Method:

- A: Pay through the official website after registration.
 B: On-site: pay at the Academic Conference registration counter at the conference venue.

Transportation and Accommodations

Conference Venue: China International Exhibition Center (Shunyi Hall), Beijing

Address: 88 Yuxiang Road, Shunyi District, Beijing, P. R. China

Website: en.ciec-expo.com/ciec/ciecxpoen/channels/5107.html

The venue is about 7.7 km from Terminal 3 of Beijing Capital International Airport (PEK), 76 km from Beijing Daxing International Airport (IATA), 29 km from Beijing Railway Station, 38 km from Beijing South Railway Station, and 34 km from Beijing West Railway Station.

Online Accommodation Reservation Portal: available on the conference website (personal page once registration is completed)

Conference on-site Registration:

Sept 9, 9:00-17:00: Academic Conference Registration Desk, South Hall

Sept 10-12, 8:30-17:00: Academic Conference Registration Desks (South Hall & East Hall)

Special Note: Scholars entering via East Hall – collect conference delegate badges and conference materials voucher at the East Hall Academic Conference Registration Desk first, then pick up the materials at the South Hall Academic Conference Registration Desk.

Posters:

-Posting: Sept 10 (9:00-17:00)

-Display: Sept 10-12

-Venue: Poster Area, W1 Exhibition Hall

Important Notification :

1. Entry Guidance:

-Private car/Metro (Line 15, China Int'l Exhibition Center Station): Enter via East Hall

-BCEIA shuttle bus: Enter via South Hall

-Security check required; please bring your ID.

2. Meeting rooms are air-conditioned (extra cool).

Thematic Forums & Concurrent Meetings

Date: 10th-12th September

Location: East & West Conference Area -South Hall | Exhibition Area conference rooms

Language: Chinese & English

- The 5th Food Safety Risk Monitoring Symposium
- Analytical Chemistry: Meet-the-Editor Session
- Environment & Health Forum
- Analyst at 150: the longest running measurement science journal continues to shape the field
- Wiley Chemistry Forum
- Global Distributing and Channeling Conference for Scientific Instruments
- The 5th Young Scientists Forum
- Universities Analytical Testing Forum
- Laboratory Digital Intelligence Forum and 2025 EGOOL Summit Forum
- Symposium on Pharmaceutical Mass Spectrometry
- Seminar on Scientific Instrument Validation and Evaluation
- CAIA Instrument Review/CSTM Instrument In-Service Performance Evaluation Criteria and Evaluation Results Release

More to come...

BCEIA 2025 General Conference Schedule

Date	Time	Content	Location
9th Sept.	9:30-16:30	Registration	Conference Registration Desk-South Hall
10th Sept.	9:00-17:00	Registration	Conference Registration Desk-South Hall Conference Registration Desk-East Hall
		The Plenary Lecture	W201, West Conference Area 2F South Hall
		Parallel Sessions: Oral Presentations	East & West Conference Area South Hall
		Parallel Sessions: Posters Session	Poster Area, W1 Exhibition Hall
		Thematic Forums & Concurrent Meetings	East & West Conference Area- South Hall, East & West Garden Meeting Rooms, W1 & E3 Exhibition Hall
11th Sept.	9:00-17:00	Registration	Conference Registration Desk-South Hall Conference Registration Desk-East Hall
		Parallel Sessions: Oral Presentations	East & West Conference Area South Hall
		Parallel Sessions: Posters Session	Poster Area, W1 Exhibition Hall
		Thematic Forums & Concurrent Meetings	East & West Conference Area- South Hall, East & West Garden Meeting Rooms, W1 & E3 Exhibition Hall
12th Sept.	9:00-17:00	Registration	Conference Registration Desk-South Hall Conference Registration Desk-East Hall
		Parallel Sessions: Oral Presentations	East & West Conference Area South Hall
		Parallel Sessions: Posters Session	Poster Area, W1 Exhibition Hall
		Thematic Forums & Concurrent Meetings	East & West Conference Area-South Hall, East & West Garden Meeting Rooms, W1 & E3 Exhibition Hall
13th Sept.			Adjourn

Contact US

Secretariat of BCEIA2025 Academic Committee

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