

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

Academic Conference Second 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, academician of CAS from the Research Center for Eco-Environmental Sciences, CAS is the President of BCEIA2025. Prof. Maili Liu, academician of CAS 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. Around twenty 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 Academician, Chinese Academy of Sciences
Professor, Research Center for Eco-Environmental Sciences, CAS

Vice Chairperson

Yukui Zhang Academician, Chinese Academy of Sciences
Professor, Dalian Institute of Chemical Physics, CAS

Xuemin Zhang Academician, Chinese Academy of Sciences
Professor, Academy of Military Medical Sciences

Xiurong Yang Academician, Chinese Academy of Sciences
Professor, Changchun Institute of Applied Chemistry, CAS

Maili Liu Academician, Chinese Academy of Sciences
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

Hailin Wang Professor, Research Center for Eco-Environmental Sciences, CAS

Yi Lv Professor, Sichuan University

Haitao Liu General Manager, China Geological Equipment Group Co., Ltd.

Academic Committee

Chair

Maili Liu Academician, Chinese Academy of Sciences
Professor, Innovation Academy for Precision Measurement Science and Technology, CAS

Vice Chair

Yukui Zhang Academician, Chinese Academy of Sciences
Professor, Dalian Institute of Chemical Physics, CAS

Guibin Jiang Academician, Chinese Academy of Sciences
Professor, Research Center for Eco-Environmental Sciences, CAS

Xuemin Zhang Academician, Chinese Academy of Sciences
Professor, Academy of Military Medical Sciences

Xiurong Yang Academician, Chinese Academy of Sciences
Professor, Changchun Institute of Applied Chemistry, CAS

Jinghong Li Academician, Chinese Academy of Sciences
Professor, Tsinghua University

Secretary-General

Xinrong Zhang Professor, Tsinghua University

Updating in progress...

Plenary Lectures

Date: 10th September

Location: Room W201, Academic Conference Area

Language: English

Content	Speaker
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 Research Center for Eco-Environmental Sciences, CAS
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
TBD	Prof. Xiaoliang Sunney Xie Academician of the Chinese Academy of Sciences Changping Laboratory Peking University
TBD	Prof. Weinan E Academician of the Chinese Academy of Sciences Peking University Princeton University

Parallel Sessions

Date: 10th afternoon-12th September

Location: Academic Conference Area

Language: English

1. Electron Microscopy and Materials Science

Co-Chairs

Prof. Xiaodong Han, Southern University of Science and Technology

Prof. Rong Yu, Tsinghua University

2. Mass Spectrometry

Co-Chairs

Prof. Hailin Wang, Research Center for Eco-Environmental Sciences, CAS

Prof. Yu Bai, Peking University

3. AI Empowered Spectral and Imaging Analysis

Co-Chairs

Prof. Yan He, Tsinghua University

Prof. Peng Xi, Peking University

4. Chromatography based Separation Science

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

Co-Chairs

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

6. Electroanalytical Chemistry

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

Co-Chairs

Prof. Lei Guo, Academy of Military Medical Sciences

8. Environmental Analysis

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

Co-Chairs

Prof. Hongmei Li, Beijing University of Chemical Technology

10. Micro Total Analysis

Co-Chairs

Prof. Jin-Ming Lin, Tsinghua University;

Prof. Kazuma Mawatari, Waseda University

11. Nanoanalysis

Co-Chairs

Prof. Yi-Tao Long, Nanjing University

Prof. Leyu Wang, Beijing University of Chemical Technology

12. Analytical Methods and Technologies for New Pollutants

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 Branch of China Association for Instrumental Analysis (CAIA)

Co-Chairs

Prof. Xueguang Shao, Nankai University

Prof. Hailong Wu, Hunan University

Prof. Hua Li, Xi'an Shiyou University

Prof. Hongmei Lu, Central South University

14. Sample Preparation

Co-Chairs

Prof. Gangfeng Ouyang, Sun Yat-sen University

Prof. Tiangang Luan, Wuyi University

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

Co-Chairs

Prof. Zongwei Cai, Hong Kong Baptist University

16. Surface and Interface Chemical Analysis

Co-Chairs

Prof. Fuyi Wang, Institute of Chemistry, CAS

Prof. Wenqing Yao, Tsinghua University

Prof. Chen Jian, Sun Yat-sen University,

17. Analytical Pharmacy and Analysis for Life and Public Safety

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

Co-Chairs

Prof. Chenzhong Li, the Chinese University of Hong Kong, Shenzhen

Prof. Jinhong Guo, Shanghai Jiao Tong University

Visit the Conference website to obtain more information on Parallel Sessions. Updating in progress...

Thematic Forums & Concurrent Meetings

Date: 10th - 12th September

Location: Academic Conference Area, Exhibition Area conference Rooms

Language: Chinese & English

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

More to come...

Conference Language

The official language is English.

Call for Abstracts

BCEIA invites all researchers and scholars to submit their unpublished abstracts.

The conference seeks abstracts aligned with the conference theme. Please visit our website for more information.

Please submit your abstract online and ensure your intention to register for the conference.

Abstract Submission

- ✓ To submit an abstract, first register for the Academic Conference through the conference website: www.bceia.org.cn.
- ✓ Abstracts must be submitted via the online system, with selection of oral or poster.
- ✓ You are welcome to submit a maximum of 2 abstracts if desired. Duplicate submissions to different parallel Sessions of a single abstract are prohibited.

Abstract Preparation

- ✓ Please adhere to the abstract formatting template on the conference website's personal page.

Abstract handling

- ✓ All abstracts will go through a review process. Abstracts that fail to meet our criteria will be rejected without further notice. Abstract submissions reviewed and accepted will be included in the Conference Proceedings (electronic format) released prior to the opening of the conference.
- ✓ Abstracts reviewed and approved will receive an Acceptance Notice, estimated by August 10, 2025, via e-mail (review progress can be checked on the conference website's personal page) .

Posters Instructions

- ✓ Display Board Size: Maximum 120 cm height x 90cm width
- ✓ Abstract Title: Font size shall be no less than 2.5 cm in height, and the layout should follow the order below:
Title: _____
Author: _____
Organization: _____
- ✓ Abstract: Font size shall be no less than 1 cm in height.
- ✓ Tables & Graphics: The thickness of lines/borders appearing in tables and graphs shall be no less than 1 mm, and font size shall be no less than 5 mm in height.
- ✓ Please arrange for your poster printing.

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	
	Early Bird (before Jul. 10, 2025)	Standard (Jul. 11–Sept. 12, 2025)
Academia	1500CNY	1800CNY
Student (Must show student ID)	1000CNY	1200CNY

Accompanied benefits: Lunch, conference materials, and souvenirs.

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/ciecexpo/en/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: will be open to access once available.

Important Dates:

- ✓ **Abstract submission deadline:** Friday, 18th July 2025
- ✓ **Conference dates:** Wednesday–Friday, 10–12 September 2025
- ✓ **Poster put up:** Wednesday, 10th September 2025, 9:00–17:00

Contact US

Secretariat of BCEIA2025 Academic Committee

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Academic Conference Schedule

Date	Time	Content	Location
9 th Sept.	9:30-16:30	Registration	Conference Registration Desk South Hall, China International Exhibition Center (Shunyi Hall)
10 th Sept.	9:00-17:00	Registration	Conference Registration Desk South Hall, China International Exhibition Center (Shunyi Hall)
		The Plenary Lecture	Room W201, Academic Conference Area South Hall, China International Exhibition Center (Shunyi Hall)
		Parallel Sessions: Oral Presentations & Posters Session	Academic Conference Area South Hall, China International Exhibition Center (Shunyi Hall)
		Thematic Forums & Concurrent Meetings	
11 th Sept.	9:00-17:00	Registration	Conference Registration Desk South Hall, China International Exhibition Center (Shunyi Hall)
		Parallel Sessions: Oral Presentations & Posters Session	Academic Conference Area South Hall, China International Exhibition Center (Shunyi Hall)
		Thematic Forums & Concurrent Meetings	
12 th Sept.	9:00-17:00	Registration	Conference Registration Desk South Hall, China International Exhibition Center (Shunyi Hall)
		Parallel Sessions: Oral Presentations & Posters Session	Academic Conference Area South Hall, China International Exhibition Center (Shunyi Hall)
		Thematic Forums & Concurrent Meetings	
13 th Sept.		Adjourn	