

1st International Symposium on Chemical and Biomedical Imaging (CBMI-I)

Time: 16 - 18 August 2024

Address: Nanjing University

Website: [CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://cbmi.tbs-datum.com)

The 1st International Symposium on Chemical and Biomedical Imaging and the editorial board meeting of the journal *Chemical and Biomedical Imaging* will take place on August 16-18, 2024 in Nanjing, China. The symposium is co-organized by the School of Chemistry and Chemical Engineering at Nanjing University and ACS Publications and is supported by the State Key Laboratory of Coordination Chemistry, the State Key Laboratory of Analytical Chemistry for Life Science, the Chemistry and Biomedicine Innovation Center at Nanjing University, and the Jiangsu Society of Chemistry and Chemical Engineering.

With the theme "Exploring the Frontier: Innovations in Chemical & Biomedical Imaging", the symposium aims to foster valuable interactions among global scientists through the discussion about cutting-edge research, technological advances, and future directions. Topics include but not limited to new methods and applications of chemical imaging, single-molecule and super-resolution imaging, single particle and interface imaging, imaging probes and contrast agents, applications of biomedical imaging, innovation in chemical imaging instrumentation and AI- assisted diagnostic imaging. The conference program includes a diverse range of distinguished leaders from institutions and organizations worldwide, concentrating on the latest developments in the field.

The symposium will be an offline event spanning three days, and will feature plenary lectures, forums, poster presentations, and the editorial board meeting of the journal *Chemical and Biomedical Imaging*, which will be held in a hybrid format allowing for both online and in-person attendance.

The symposium organizing committee extends a warm invitation to all professionals engaged in the field of chemical and biomedical imaging. Researchers, educators, industry professionals, graduate students related to this field are earnestly invited to the symposium.

Organizers:

Chairs: Academician Zijian Guo (郭子建) Dr. Sarah Tegen

Vice chairs: Prof. Peng Chen (Cornell University) Prof. Neso Sojic (University of Bordeaux)

Prof. Rong Zhou (University of Pennsylvania) Dr. Amy Lam (ACS Publications)

Prof. Shuhua Li (黎书华) Prof. Chunying Duan (段春迎) Prof. Huangxian Ju (鞠焜先)

Secretary-General: Prof. Deju Ye (叶德举)

Committee Members:

Zijian Guo Sarah Tegen Amy Lam Peng Chen Neso Sojic Rong Zhou Shuhua Li Chunying

Duan Huangxian Ju Yan Zhang Wei Wang Jing Zhao June Tang Juanjuan Jia Wenxi Lei Luhong Chen Yuncong Chen Huijie Pan Peng Zheng Huanhuan Fan Xiuxiu Wang Jinbo Li Jingjing Zhang Jie P. Li Huan Wang Xiaoqiang Huang Ran Xie

Conference Services:

Yemin Yu Zhangjun Hong Chuan Liu Hui Zhang Yuanhui Sun Yun Liu Rui He Tian Tian

Session Types

The symposium includes special plenary, keynote, invited lectures, poster session, and Chemical & Biomedical Imaging journal editorial board meeting.

The specific agenda of the symposium is available on the website: [CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://CBMI-MeetingSite(cbmi.tbs-datum.com))

Conference Themes

- Chemical imaging methods and technologies
- Single-molecule and super-resolution imaging
- Particle and interface imaging
- Nano-characterization and imaging
- Chemical imaging for energy
- Molecular imaging probes and contrast agents
- Molecular recognition and bioimaging
- Biomedical imaging technologies
- Innovation in chemical imaging instruments
- AI-assisted medical imaging and disease diagnosis

Invited Speakers

Plenary Speakers (Sorted alphabetically by last name):

Chunying Chen Johan Hofkens Maili Liu Yi Lu Weihong Tan

Keynote and Invited Speakers:

Please see the conference website ([CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://CBMI-MeetingSite(cbmi.tbs-datum.com))) for the list of Keynote and invited speakers.

Date (Beijing Local Time)

- Aug. 16 (10:00-24:00): Check-in
- Aug. 16 (17:00-19:30): Welcome Reception
- Aug. 16 (20:00-21:30): Journal editorial board meeting
- Aug. 17 (08:30-17:45): Opening ceremony& Talks
- Aug. 17 (17:45-18:30): Poster Presentation
- Aug. 17 (18:30-20:30): Banquet
- Aug. 18 (08:30-16:30): Talks & Closing

The conference program (tentative) is shown at the end, and can also be found in the website:

[CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://cbmi.tbs-datum.com)

Submission requirements

The content of the submission should conform to symposium themes and comply with the confidentiality regulation of the country and organizations, with authors bearing full responsibility for their content.

Submit online via the symposium website: [CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://cbmi.tbs-datum.com)

Registration Fees

Registration type	Early Bird Fees (before 2024, Aug, 1st)	Regular Rate (on 2024, Aug, 1st)
Academic	RMB 2000	RMB 2200
Students	RMB 800	RMB 1000
Non-academic	RMB 3000	RMB 3500

Payment can be made on-site. It is recommended to register and pay the fee in advance. For specific procedure, please refer to the symposium website: [CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://cbmi.tbs-datum.com)

Venue

Conference: Nanjing University International Conference Center, 163 Xianlin Avenue, Nanjing

Hotel recommendation:

- Nanjing University International Conference Center, 163 Xianlin Avenue, Nanjing

Website: <http://www.ndgjhyzx.com/en/index.asp>

- Nanjing Training Center Hotel, 169 Xianlin Avenue, Nanjing

Website: <http://xianlinuniversitycityathlestrainingcenter.hotelnanjing.cn/en>

Contact

Prof. Deju Ye Ms. Yemin Yu

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Conference Email: CBMI2024@nju.edu.cn

Website: [CBMI-MeetingSite \(cbmi.tbs-datum.com\)](http://cbmi.tbs-datum.com)

Conference Check-in

Lobby of NUICC (next to the East Gate of Nanjing University Xianlin Campus)

No.163 Xianlin Avenue, Nanjing, China, hotel contact number: 025-89686666

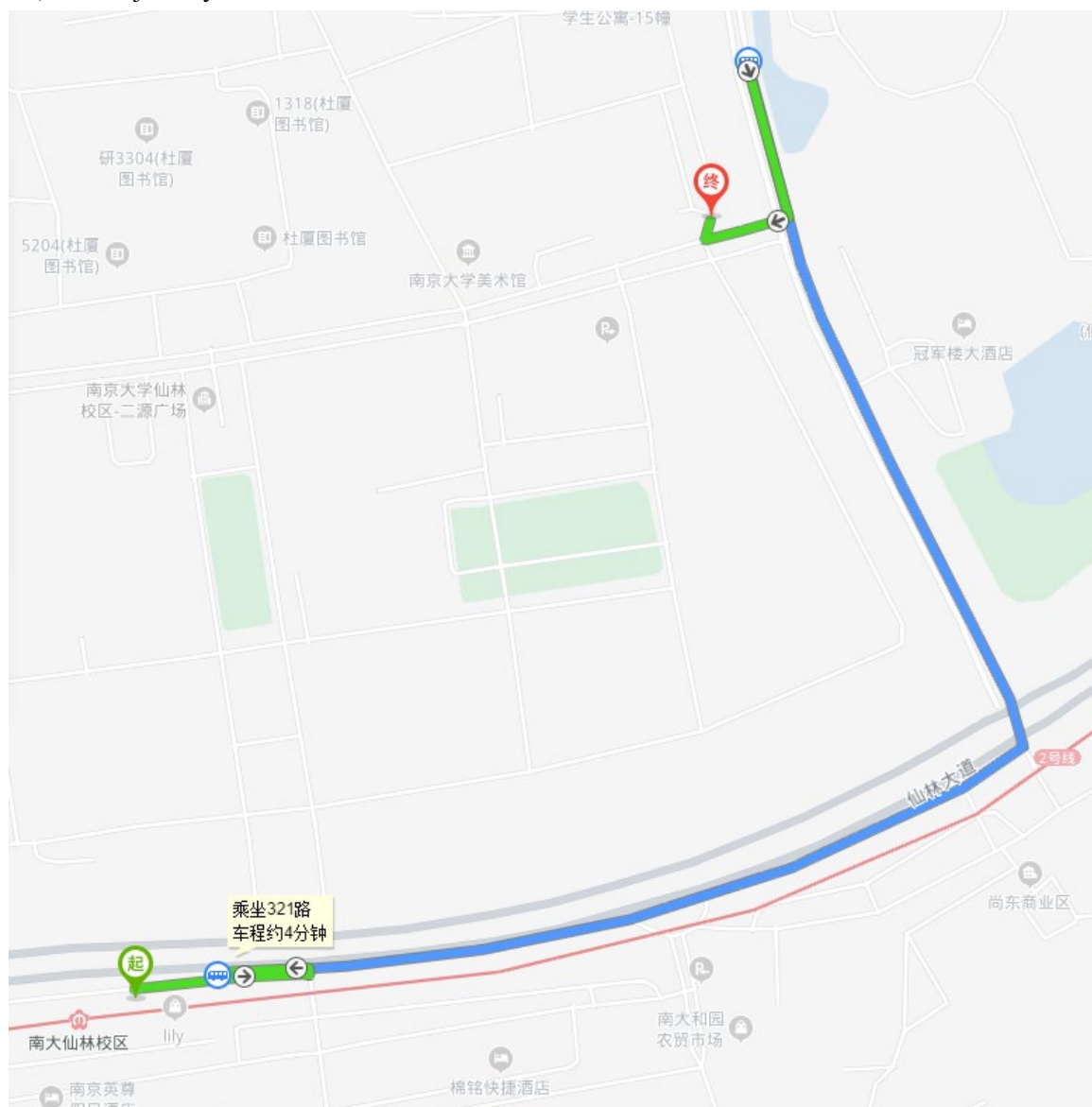
Transportation

The conference does not provide transportation services. Attendees are kindly requested to make their own arrangements to reach the registration venue (Lobby of Nanjing International Conference Center, adjacent to the East Gate of Xianlin Campus, Nanjing University):

1. International Airport - Nanjing University Xianlin Campus:

(1) Taxi: Approximately 200 RMB per car, about 60 kilometers, takes approximately 1 hour.

(2) Subway: Take subway line S1 (towards Nanjing South Station) from Lukou Airport Station at Terminal 2 of Nanjing Lukou International Airport. Transfer to subway line 3 (towards Linchang) at Nanjing South Station, then transfer again to subway line 2 (towards Jiangtian Road) at Daxinggong Station. Get off at Nanjing University Xianlin Campus Station. Take bus route 321 from Nanjing University Xianlin Campus Station and alight at Xianlin NU East Gate Station (or walk approximately 1 kilometer to the NU International Conference Centre next to the East Gate of Nanjing University Xianlin Campus). The fare is approximately 10-12 RMB per person, and the journey takes about 2 hours.



2. Nanjing Station - Nanjing University Xianlin Campus:

- (1) Taxi: Approximately 55 RMB per car, about 20 kilometers, takes approximately 35 minutes.
- (2) Subway: Take subway line 3 (towards Mozhou East Road) from Nanjing Station, then transfer to subway line 2 (towards Jiangtian Road) at Daxinggong Station. Get off at Nanjing University Xianlin Campus Station. Take bus route 321 from Nanjing University Xianlin Campus Station and alight at Xianlin NU East Gate Station (or walk approximately 1 kilometer to the NU International Conference Centre next to the East Gate of Nanjing University Xianlin Campus). The fare is approximately 6-8 RMB per person, and the journey takes about 1 hour and 10 minutes.

3. Nanjing South Station - Nanjing University Xianlin Campus:

- (1) Taxi: Approximately 70-100 RMB per car, about 30-40 kilometers, takes approximately 40 minutes.
- (2) Subway: Take subway line 3 (towards Linchang) from Nanjing South Station, then transfer to subway line 2 (towards Jiangtian Road) at Daxinggong Station. Get off at Nanjing University Xianlin Campus Station. Take bus route 321 from Nanjing University Xianlin Campus Station and alight at Xianlin NU East Gate Station (or walk approximately 1 kilometer to the NU International Conference Centre next to the East Gate of Nanjing University Xianlin Campus). The fare is approximately 7-9 RMB per person, and the journey takes about 1 hour and 15 minutes.

Accommodation

1. NU International Conference Centre: Located at 163 Xianlin Avenue, adjacent to the East Gate of Nanjing University Xianlin Campus. Contact number: 025-89686666.
2. Nanjing Retraining Centre Hotel (Guan Jun Lou Hotel): Located at 169 Xianlin Avenue (near the venue). Contact number: +86-25-85788889.
3. Attendees may independently contact hotels near the stations of Nanjing Metro Line 2 and Nanjing University Xianlin Campus for accommodation options.

Looking forward to your arrival!

School of Chemistry and Chemical Engineering, Nanjing University

Program (tentative)

CBMI-I Program Aug 16-18, Nanjing University International Conference Center (南京大学国际会议中心)															
16-Aug Friday		17-Aug Saturday						18-Aug Sunday							
10:00-24:00	Registration & Check in	8:30-8:55	Opening Ceremony						Session 1 (Zijin hall, 紫金厅)		Session 2 (Zhongda hall, 中大厅)		Session 2 (Yixing hall, 以行厅)		
		8:55-9:00	Photograph						Session Chair: Jianghong Rao		Session Chair: Yang Tian		Session Chair: Weilin Xu		
		9:00-10:10	Plenary Sessions (Zijin hall, 紫金厅) Session Chair: Zijian Guo						8:30-8:50	K1-7 Jong Seung Kim	8:30-8:50	K2-7 Bo Tang	8:30-8:50	K3-7 Yujie Sun	
		9:00-9:35	PL1 Johan Hofkens						8:50-9:10	K1-8 Kazuyasy Sakaguchi	8:50-9:10	K2-8 Zhen Cheng	8:50-9:10	K3-8 Ke Xu	
		9:35-10:10	PL2 Weihong Tan						9:10-9:30	K1-9 Ping Li	9:10-9:30	K2-9 Leyu Wang	9:10-9:30	K3-9 Yuning Hong	
		10:10-10:25	Tea Break						Session Chair: Kazuyasy Sakaguchi		Session Chair: Zhen Cheng		Session Chair: Yujie Sun		
		10:25-12:10	Plenary Sessions (Zijin hall, 紫金厅) Session Chair: Johan Hofkens						9:30-9:45	I1-9 Yanjun Liu	9:30-9:45	I2-9 Liping Qiu	9:30-9:45	I3-9 Limin Xiang	
		10:25-11:00	PL3 Yi Lu						9:45-10:00	I-10 Peng Yin	9:45-10:00	I2-10 Huaiyi Huang	9:45-10:00	I3-10 Xianchuang Zheng	
		11:00-11:35	PL4 Maili Liu						10:00-10:15	I1-11 Jiting Hou	10:00-10:15	I2-11 Qingqing Miao	10:00-10:15	I3-11 Hui Wang	
		11:35-12:10	PL5 Chunying Chen						10:15-10:30	Tea Break					
		12:10-13:30	Lunch						Session Chair: Jong Seung Kim		Session Chair: Bo Tang		Session Chair: Ke Xu		
		Parallel Sessions						10:30-10:50	K1-10 Jianghong Rao	10:30-10:50	K2-10 Yang Tian	10:30-10:50	K3-10 Weilin Xu		
		Session 1 (Zijin hall, 紫金厅)		Session 2 (Zhongda hall, 中大厅)		Session 3 (Yixing hall, 以行厅)		10:50-11:10	K1-11 Mingyuan Gao	10:50-11:10	K2-11 Zhaochao Xu	10:50-11:10	K3-11 Ming Zhao		
		Session Chair: Rong Zhou		Session Chair: Neso Sojic		Session Chair: Peng Chen		11:10-11:30	K1-12 Zhibo Liu	11:10-11:30	K2-12 Hui Chao	11:10-11:30	K3-12 Yan He		
		13:30-13:50		K1-1 Silvio Aime	13:30-13:50	K2-1 Arindam Chowdhury	13:30-13:50	K3-1 Xing Chen	Session Chair: Mingyuan Gao		Session Chair: Hui Chao		Session Chair: Yan He		
		13:50-14:10		K1-2 Mei Tian	13:50-14:10	K2-2 Giovanni Valenti	13:50-14:10	K3-2 Takashi Tachikawa	11:30-11:45	I1-12 Yan Zhang	11:30-11:45	I2-12 Ji Qi	11:30-11:45	I3-12 Jiajia Guo	
		14:10-14:30		K1-3 Chongzhao Ran	14:10-14:30	K2-3 Huangxian Ju	14:10-14:30	K3-3 Bing Fu	11:45-12:00	I1-13 Xiaolian Sun	11:45-12:00	I2-13 Yang Jiao	11:45-12:00	I3-13 Pingyu Zhang	
Session Chair: Silvio Aime		Session Chair: Arindam Chowdhury		Session Chair: Xing Chen		12:00-12:10	C-1 Bruke	12:00-12:10	C-2 Selectoprobe (晶捷)						
14:30-14:45		I1-1 Shizhen Chen	14:30-14:45	I2-1 Jiandong Feng	14:30-14:45	I3-1 Ping Wang	12:10-13:30	Lunch							
14:45-15:00		I1-2 Yingying Ning	14:45-15:00	I2-2 Qian Liu	14:45-15:00	I3-2 Lu Wang	Session Chair: Xin Zhang		Session Chair: Junjie Zhu		Session Chair: Gaolin Liang				
15:00-15:15		I1-3 Bingbo Zhang	15:00-15:15	I2-3 Zonghai Sheng	15:00-15:15	I3-3 Kangnan Wang	13:30-13:50	K1-13 Kanyi Pu	13:30-13:50	K2-13 Qianbin Wang	13:30-13:50	K3-13 Xinghua Xia			
15:15-15:30		Tea Break						13:50-14:10	K1-14 Caixia Yin	13:50-14:10	K2-14 Dan Ding	13:50-14:10	K3-14 Bengang Xing		
Session Chair: Chunying Duan		Session Chair: Huangxian Ju		Session Chair: Takashi Tachikawa		14:10-14:25	I1-14 Yao Sun	14:10-14:25	I2-14 Jiaguo Huang	14:10-14:25	I3-14 Liqin Xiong				
15:30-15:50		K1-4 Jeff Bulte	15:30-15:50	K2-4 Baohong Liu	15:30-15:50	K3-4 Xiaohong Fang	14:25-14:40	I1-15 Yong Fan	14:25-14:40	I2-15 Peng Wei	14:25-14:40	I3-15 Jin Zhou			
15:50-16:10		K1-5 Fan Zhang	15:50-16:10	K2-5 Neso Sojic	15:50-16:10	K3-5 Peng Chen	Session Chair: Kanyi Pu		Session Chair: Qiangbing Wang		Session Chair: Bengang Xing				
16:10-16:30		K1-6 Rong Zhou	16:10-16:30	K2-6 Zhou Nie	16:10-16:30	K3-6 Ning Fang	14:40-15:00	K1-15 Xin Zhang	14:40-15:00	K2-15 Junjie Zhu	14:40-15:00	K3-15 Xianwen Mao			
Session Chair: Jeff Bulte		Session Chair: Zhou Nie		Session Chair: Ning Fang		15:00-15:20	K1-16 Lele Li	15:00-15:20	K2-16 Haibin Shi	15:00-15:20	K3-16 Gaolin Liang				
16:30-16:45		I1-4 Hua Zhu	16:30-16:45	I2-4 Shouju Wang	16:30-16:45	I3-4 Yuxi Tian	15:20-15:35	I1-16 Luyan Wu	15:20-15:35	I2-16 Ling Zhang	15:20-15:35	I3-16 Hong Bi			
17:00-18:30	Welcome Reception	16:45-17:00	I1-5 Yue Yuan	16:45-17:00	I2-5 Zhenkun Wu	16:45-17:00	I3-5 Pengfei Zhang	15:35-15:50	I1-17 Shasha He	15:35-15:50	I2-17 Ruibing An	15:35-15:50	I3-17 Tao Zhang		
18:30-20:00	Dinner Buffet	17:00-17:15	I1-6 Jing Yu	17:00-17:15	I2-6 Xiaozhen Li	17:00-17:15	I3-6 Bin Kang	15:50-16:05	I1-18 Zhipeng Liu	15:50-16:05	I2-18 Yunchong Chen	15:50-16:05	I3-18 Fang Liu		
		17:15-17:30	I1-7 Dongdong Su	17:15-17:30	I2-7 Dongfeng Dang	17:15-17:30	I3-7 Xianguang Ding	16:05-16:15	Tea Break						
		17:30-17:45	I1-8 Biyue Zhu	17:30-17:45	I2-8 Rui Hao	17:30-17:45	I3-8 Liqing Zheng	16:15-16:30	Closing Ceremony & Poster Award Presentation (Zijin hall, 紫金厅)						
20:00-21:30	Editorial Board Meeting	17:45-18:30	Poster						Presentations		Plenary talk		35 min including Q&A		
		18:30-20:30	Conference Banquet								Keynote talk		20 min including Q&A		
											Invited talk		15 min including Q&A		