



19th International Summer School on Crystal Growth

July 28-August 2, 2025

ISSGE-19

19th International Summer School on Crystal Growth

First Announcement

July 28-August 2, 2025

Xi'an, China

Conference location: Lintong Yueliu Hotel

<https://isscg-19.com>

Chairs:

Tao Wang (Northwestern Polytechnical University, Xi'an)

Thierry Duffar (Grenoble Institute of Technology, Grenoble)

Qinghua Zhao (Northwestern Polytechnical University, Xi'an)

Registration

In order to register to ISSCG19, please follow the following steps:

STEP 1: Create a new account, validate your email and login to "Your Account" pages

STEP 2: Complete the "School Registration" form

STEP 3: Complete the "Billing information" form and get access to Fee payment options.

Registration Fees

Regular participants (double room): \$400

NOTE: Exchange and bank commissions for the transfer must be borne by the participants

"Regular participants" fee includes:

- VAT
- Attendance to lectures and School materials
- Welcome reception
- Five-night accommodation in double room
- Lunch
- Coffee breaks
- Excursion and social dinner

Program at a Glance

	Monday Jul 28	Tuesday Jul 29	Wednesday Jul 30	Thursday Jul 31	Friday Aug 1	Saturday Aug 2
9:00-12:00	Opening and Introduction	Crystal growth engineering - Bulk crystal growth (from the melt, PVT, solution, etc.)	Modeling: Transport during processes and macroscopic model of bulk crystal growth	Modeling: Surfaces, interfaces and microscopic models: Molecular dynamics, Monte Carlo	Important Specific Growths Nanocrystals	Departure

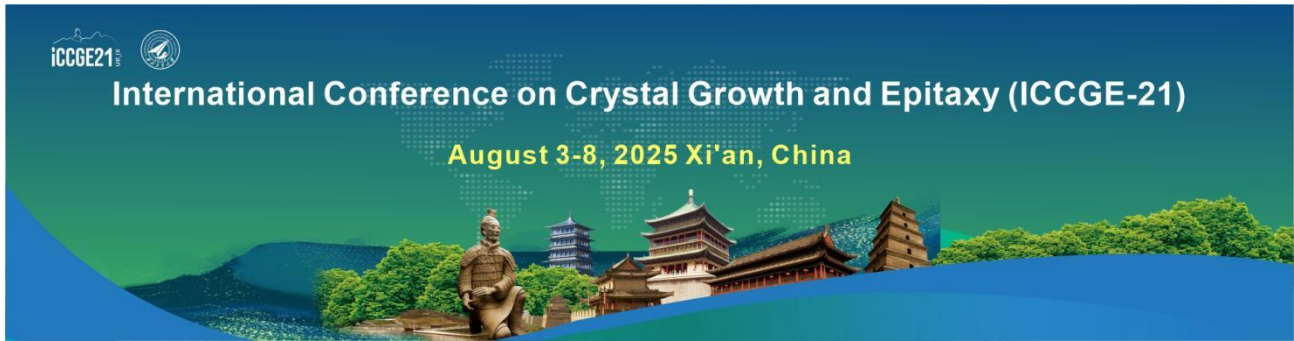
	Fundamentals: Thermodynamics	Defect engineering (various defects, impact of growth process on defects, etc.)	Case Study 3	Case Study 4	Bio-crystals
14:00- 17:30	Fundamentals: Nucleation and kinetics	Epitaxy (VPE, CVD, PVD, MBE, etc.)	Cursion and Dinner	Practical application of modelling on computers	Modeling: Artificial intelligence
	Case Study1	Case Study 2			Feedback, Discussion and Closing

Important dates

- Registration starts:1st February 2025
- Registration ends:July 15, 2025
- School:July 28-August 2, 2025

Looking forward to meeting you in Xi'an!

More details to be available on <https://isscg-19.com>



ICCGE-21

**International Conference on Crystal Growth and Epitaxy
First Announcement**

August 3-8,2025

Xi'an, China

Conference location: Xi'an Qujiang International Conference Center

<https://www.iccge21.com>

Organizers:

International Organization for Crystal Growth

Chinese Ceramic Society (CCS)

Northwestern Polytechnical University

Chinese Association for Crystal Growth, CCS

Honorary Chairs:

Yicheng Wu (Tianjing University of Technology, Tianjin)

Shining Zhu (Nanjing University, Nanjing)

Maochun Hong (Fujian Institute of Research on Structure of Mater, CAS, Fuzhou)

Yue Hao (Xidian University, Xi'an)

Ruiping Gao (Chinese Ceramic Society, Beijing)

Chairs:

Wanqi Jie (Northwestern Polytechnical University, Xi'an)

Zhanggui Hu (Hefei University of Technology, Hefei)

Abstract submission

We appreciate very much for your interest in ICCGE-21.

Due date for the abstract submission is end of this March 15 . Please submit your abstract via <https://www.iccge21.com>

Abstract should be in English with no more than 600 words plus maximum 5 key words. The system will transfer it into the font “Times New Roman”.

The authors can select the conference sessions. If no preferring session, the conference chairs will make suggestion, and transfer it direct to the corresponding session.

The author can make the choices for “Oral” or “Poster”, but the final decision will be made according to the review results by session chairs.

Program

● Arrangement of all sessions

The conference will include 17 sessions. For each session, at maximum 13 invited presentations and 46 oral presentations can be accepted, together with an unlimited number of posters. Part of invited presentations will be selected from submitted oral presentations, and finally confirmed by the authors.

- (1) Fundamentals of nucleation and crystal growth
 - (2) Bulk crystal growth
 - (3) Advances in modelling crystal growth processes including AI
 - (4) Thin films and epitaxial growth
 - (5) 2D materials and technologies
 - (6) Growth at the nanoscale: nanocrystals, nanowires, nanomaterials
 - (7) Characterization of crystal structure, defects, impurities and physical properties
 - (8) Semiconductors
 - (9) Optical and Laser crystals
 - (10) Crystals of piezoelectric, dielectric, ferroelectric materials
 - (11) Detector Materials
 - (12) Industrial crystallization
 - (13) Crystallization of organic and biological materials
 - (14) Crystals for photovoltaics and new energy applications
 - (15) Thermoelectric Materials: Design, Synthesis, Growth and Properties
 - (16) New methods and techniques for crystal growth
 - (17) Emerging crystalline materials
-

Program at a Glance

Time	Mon, 4 Aug	Tue, 5 Aug	Wed, 6 Aug	Thu, 7 Aug	Fri, 8 Aug
8:15- 9:00	Registration				
9:00-9:45	Opening Ceremony	Keynote Lectures	Parallel Sessions	Keynote Lectures	Parallel Sessions
9:45-10:30	Keynote Lecture				
10:30-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00-12:30	Keynote Lectures	Parallel Sessions	Parallel Sessions	Parallel Sessions	Parallel Sessions
12:30-13:40	Lunch	Lunch	Lunch	Lunch	Lunch
13:40—15:30	Parallel Sessions	Parallel Sessions		Parallel Sessions	Close Ceremony
15:30—16:00	Coffee Break	Coffee Break	Excursion	Coffee Break	
16:00—17:30	Parallel Sessions	Parallel Sessions			Poster Session
17:30—19:00	Poster Session	Poster Session			
19:00—22:00				Banquet	

Exhibition

The triennial "International Conference on Crystal Growth and Epitaxy" is a series of conferences hosted by the International Organization for Crystal Growth, which has successfully held 20 conferences to date. The 21st International Conference on Crystal Growth and Epitaxy (ICCGE-21) is scheduled to take place in Xi'an on August 3-8, 2025. The conference aims to promote the exchange of the latest research achievements in crystal materials science and engineering, and to advance the development of both theoretical research and industrial technology. It is expected that over 1,000 experts and scholars from the field of crystal growth at home and abroad will gather at this high-level exchange platform.

Here, we, on behalf of the conference organizing committee, sincerely invite your company to participate in this conference, taking advantage of this rare opportunity to promote your company's products and technologies, to widely connect with attendees, and to enhance mutual understanding.

We will provide comprehensive and meticulous services. Feel free to reach out with any inquiries or concerns.

Contact: Dr. Xu (+86-13772439913, xulingyan@nwpu.edu.cn)

Registration

The registration fee includes: attendance to all scientific sessions, lunches, coffee breaks and two dinners (Monday and Tuesday)

You need to have a user account on the ICCGE-21 registration Platform in order to register your participation.

	Early registration (ends 15 May 2025)	Late or on-site registration
Full registration	\$800	\$900
Student registration*	\$550	\$650
Accompanying person**	\$300	\$350

- This fee applies to Students, PhDs, Post-doc under 30 years old. Identification cards or similar status proofs will be asked to be provided during the registration process.
- The accompanying person will be able to attend all scientific sessions, lunches, coffee breaks.

Important dates

- Abstract submission deadline: March 15, 2025
- Notification of abstract acceptance Start of early registration: April 15, 2025
- End of early conference registration: May 15, 2025
- End of online registration: July 15, 2025

Looking forward to meeting you in Xi'an!

More details to be available on <https://www.iccge21.com>