
Announcement of the 25th International Conference on Fluidized Bed Conversion

We are delighted to extend our warmest invitation to you for the 25th International Conference on Fluidized Bed Conversion (FBC25), scheduled to take place in Nanjing, China from April 6 to 10, 2025.

The FBC25 conference aims to facilitate the convergence of researchers and professionals from academia and industry, share the latest research achievements and technological innovations, promote academic exchanges and industry collaboration, explore the future of fluidized bed technology, forge new connections, and shape the development trajectory of this rapidly evolving field. On behalf of the FBC25 Organizing Committee, we cordially invite you to participate in this conference.

Conference Themes

Building upon its legacy since 1968, The FBC25 Conference will showcase cutting-edge advancements in fluidized bed conversion technologies, bridging fundamental research with industrial applications. This edition will highlight innovations across particulate solids dynamics, thermo-chemical conversion processes, and emerging sustainable solutions such as carbon capture, energy storage, and solid looping systems. Furthermore, it will explore the advanced diagnostics and AI-driven approaches to optimize system design, scale-up strategies, and operational efficiency, with insights from real-world FB boiler applications.

Topics include, but not limited to:

- Fundamentals:
 - Particulate Solids and Fluidization
 - Chemical Reactions
- Combustion, Pyrolysis, Gasification
- Modeling/CFD/“AI+”
- Advanced Diagnostics

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- CO₂ Capture Processes
 - Scale Up & Design Optimization
 - FB Boiler Operational Experience
 - Chemical, Calcium, Solid Looping
 - Emissions and Environmental Impact
 - Solid Inventory and Distribution
 - Sustainable and Green Transition Technologies
 - Energy Storage

Chairs of FBC25

Honorable Chairman:

Prof. Junfu Lyu Tsinghua University

Chairman:

Prof. Lunbo Duan Southeast University

Conference Venue

Nanjing, China

The FBC25 will be hosted by Southeast University, in the city of Nanjing, China. Nanjing is situated in the lower reaches of the Yangtze River, in Eastern China. Nanjing owns more than 2,500 years of documented history, formerly known as "Jinling". As one of China's Four Great Ancient Capitals, Nanjing has served as the capital for several Chinese dynasties, making it a significant cultural hub. It is rich in cultural heritage, such as Yunjin, Gold Foil, Papercutting, and the Qinhuai Lantern Festival.

Date of the Conference

The FBC25 will span five days, commencing with registration on Sunday, April 6, followed by three days of technical sessions from Monday, April 7 to Wednesday, April 9. The conference will conclude with technical visit on Thursday, April 10.

Registration and Abstract Submission

To submit your abstract, please visit our conference website and follow the submission guidelines provided there: <https://www.fbc25.com/>.

Full payment must be made through online payment by the corresponding deadlines. All bank charges for remittance should be paid by participants. The registration process for FBC25 consists of two essential steps:

Step 1: Complete Payment

- Please make your payment via **bank transfer** following the instructions provided below.
- Ensure you include the remark: “**FBC25-Your Name-Your Institute**” during the transaction.
- If you require an invoice before making the payment, please fill out the Invoice Request Form.

Step 2: Submit Registration Information

- After completing the payment, please fill out the Registration Information Form, including a screenshot of the payment confirmation.
- This step ensures we can accurately verify your registration and issue your receipt.

Registration Type	Early Bird (Before Jan. 31, 2025)	Standard (After Feb. 1, 2025)
Regular	500 USD	600 USD
	480 EUR	580 EUR
	3650 CNY	4350 CNY
Student	300 USD	350 USD
	290 EUR	340 EUR
	2200 CNY	2550 CNY

For International Participants:

Beneficiary Name	Southeast University
VAT number	12100000466006770Q
Bank Account Number	504058216351
Bank Name	Bank of China
Bank Branch	Bank of China Nanjing Xuanwu Sub-Branch
Bank Number	104301003062
Bank Address	No.16 Hongwu North Road, Nanjing, Jiangsu, China
SWIFT Code	BKCHCNBJ940
Memo	FBC25-Your Name-Your Institute

For Local Participants:

收款人名称	东南大学
银行账号	32001594138059123456
开户行名称	建设银行南京四牌楼支行
开户行行号	105301000361
备注	FBC25-姓名-机构

Contact information

FBC25 Organizing Committee:

No.2 Sipailou, Nanjing, Jiangsu Province, P.R. China, 210096

Official website: <https://www.fbc25.com/>

Email: fbc2025@126.com

Conference organizer

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