

**INFORMATION**

The 25<sup>th</sup> International Conference on Fluidized Bed Conversion will take place **April 7-10, 2025 at Southeast University in Nanjing, China**. This conference continues its legacy **since 1968**, covering the latest developments in fluidized bed technology, from fundamentals to applications. We welcome you to explore future innovations and connect with global experts.

**PLENARY SPEAKERS**

**Junfu Lyu**

Tsinghua University, China

**Research area:** Circulating Fluidized Bed, Combustion and Gasification, Pollution Control, Multiphase Flow.


**Xiaotao Bi**

University of British Columbia, Canada

**Research area:** Particle Technology, Fluidization and Multiphase Reactors, Green Engineering and Sustainability.


**Francisco Garcia Labiano**

Instituto de Carboquímica, Spain

**Research area:** Carbon Dioxide Capture, Combustion Technology, Fluidized Bed, Chemical Looping.


**Piero Salatino**

Università di Napoli Federico II, Italy

**Research area:** Engineering, Chemical Reaction Engineering, Energy, Fluidization, Calcium Looping.

**More plenary and keynote speakers are coming soon!**

**CONFERENCE TOPICS**

- **Fundamentals:**
  - ✓ Particulate Solid and Fluidization
  - ✓ Chemical Reaction
- Combustion, Pyrolysis, Gasification
- Modeling/CFD/"AI"
- Advanced Diagnostics
- CO<sub>2</sub> 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

**SPECIAL ISSUES:** The outstanding papers presented at FBC25 will be invited for submission to Special Issue in the international journals, including *Fuel*, *Powder Technology* and *Journal of Thermal Science*.

**IMPORTANT DATES**

- November 30, 2024:** Abstract Submission
- December 15, 2024:** Notification of Acceptance
- January 15, 2025:** Manuscript Submission
- January 31, 2025:** Early Bird Registration
- March 10, 2025:** Final Manuscript Submission
- April 7-10, 2025:** Conference

**CONFERENCE VENUE**

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.

**STEERING COMMITTEES**

Uendo Lee, **KITECH**  
 Fredrik Lind, **E.ON AB**  
 Robin Hughes, **Canmet**  
 Reji Noda, **Gunma University**  
 Alberto Gomez Barea, **CIUDEN**  
 Guangxi Yue, **Tsinghua University**  
 Lunbo Duan, **Southeast University**  
 Tadaaki Shimizu, **Niigata University**  
 Sabrina Francey, **Hatch Engineering**  
 Zhongyang Luo, **Zhejiang University**

Edgardo Zabetta, **Sumitomo SHI FW**  
 Edward J. Anthony, **Cranfield University**  
 Paola Lettieri, **University College London**  
 Sonja Enestam, **Valmet Technologies Oy**  
 Sebastian Kaiser, **Andritz AG Power Boilers**  
 Adam Luckos, **University of the Witwatersrand**  
 Bo Leckner, **Chalmers University of Technology**  
 Franz Winter, **Vienna University of Technology**  
 Gorkem Kulah, **Middle East Technical University**  
 Piero Salatino, **Università di Napoli "Federico II"**

Mikko Hupa, **Åbo Akademi Process Chemistry Centre**  
 Francisco Garcia Labiano, **Instituto de Carboquímica**  
 Tobias Mattisson, **Chalmers University of Technology**  
 Frantisek Hrdlicka, **Czech Technical University in Prague**  
 Umberto Arena, **University of Campania "Luigi Vanvitelli"**  
 Prabir Basu, **Mechanical Engineering Dalhousie University**  
 Wojciech Nowak, **AGH University of Science and Technology**  
 Andre Chien-Song Chyang, **Chung Yuan Christian University**  
 Georgy A. Ryabov, **All-Russian Thermal Engineering Institute**

FBC25 Organizing Committee:

2 Sipailou, Southeast University, Nanjing, China, 210096

 Email: [FBC2025@126.com](mailto:FBC2025@126.com)

 Website: <https://www.fbc25.com/>