

**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


**Xiaotao Bi**

University of British Columbia, Canada


**Francisco Garcia Labiano**

Instituto de Carboquímica, Spain


**Piero Salatino**

Università di Napoli Federico II, Italy

**KEYNOTE SPEAKERS**
**Alar Konist**, Tallinn University of Technology, Estonia

**Alberto Gomez Barea**, CIUDEN, Spain

**Charley Wu**, University Of Surrey, England

**David Pallarès**, Chalmers University of Technology, Sweden

**Georgy Ryabov**, All-Russian Thermal Engineering Institute, Russia

**J. Ruud van Ommen**, Delft University of Technology, Netherlands

**Jia Wei Chew**, Chalmers University of Technology, Sweden

**Ramesh Agarwal**, Washington University in St. Louis, USA

**Uendo Lee**, KITECH, Korea

**Wojciech Adamczyk**, Silesian University of Technology, Poland

**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

**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

**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*.

**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

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