



Invitation

The 5th International Symposium on Biomass/Wastes Energy and Environment (BEE-2025)

Xi'an, China, September 12-14, 2025

To promote the development of global bioenergy and explore the synergy between biomass/waste energy utilization and carbon/pollutant emission reduction, the 5th International Symposium on Biomass/Wastes Energy and Environment (BEE-2025) will be held in Xi'an, China, on September 12-14, 2025. BEE-2023 was successfully held, attracting representatives from over 20 countries/regions. BEE-2025 is foreseen to bring together academic experts, government officials, and industrial technical chiefs to discuss the latest technological development and application scenarios, exchange ideas, and share experiences. During the symposium, the IEA Task 33-biomass gasification session, and IEA Task 33-Industrial Cooperation workshop (EU-China industrial partners), will be held concurrently. Additionally, an Entrepreneurship and Innovation Forum will take place. The topics of the symposium include:

1. Biomass/wastes energy technology towards the production of gaseous fuels/syngas, liquid fuels, biochar/biochemicals/ biomass-based materials, hydrogen, and other energy fuels, including:
 - (i) Thermochemical processes (gasification, pyrolysis, combustion/incineration, hydrothermal *etc.*)
 - (ii) Biochemical process(fermentation, digestion, *etc.*)
 - (iii) Pretreatment and synthetic process
 - (iv) Emerging technologies (plasma, photochemistry, electrochemistry, integrated process, *etc.*)
2. Process modeling and simulation/use of machine learning
3. Environmental and carbon emissions issues, assessment, policy development, *etc.*
4. Perspectives of biomass/wastes energy and environment in circular bioeconomy

The BEE-2025 symposium is jointly organized by Tianjin University of Commerce, Tianjin University, and Tibet University, and co-organized by Xi'an Jiaotong University, Xi'an University of Architecture and Technology, and Northwest A&F University. The organizing committee is dedicated to creating a pleasant, secure, and impressive environment for all participants in the cultural and historical city of Xi'an. **We cordially invite you and your colleagues to join in this symposium in Xi'an!**

To know more details about BEE-2025, please visit the website at www.biomass-ee.com. Please feel free to contact us if you have any questions. We are looking forward to meeting you in Xi'an.

Sincerely yours,

Executive Conference Chair

Prof. Dr. Guanyi Chen

President, Tianjin University of Commerce
Tianjin University/ Tibet University, China

Conference Co-Chairs

Prof. Dr. Rong Chen

Vice President, Xi'an University of Architecture
and Technology, China

Prof. Dr. Beibei Yan

Tianjin University, China

CHEN Rong

Beibei Yan