



ICChE 2020: Announcement & Call for Abstracts

20-22 DECEMBER 2020, DHAKA, BANGLADESH



6th INTERNATIONAL CONFERENCE ON CHEMICAL ENGINEERING

Addressing the Grand Challenges of Energy, Water, Food, Health & Environment

The objective of the International Conference on Chemical Engineering (ICChE), organized once every three years by the Department of Chemical Engineering, Bangladesh University of Engineering and Technology abbreviated as BUET, is to provide an international platform for academics, researchers, industrial practitioners, policy makers, technology developers, and students for exchange of ideas, knowledge, understanding and experience. ICChE 2020, which will be the 6th in the series, is to be organized jointly with PSE for SPEED Company with the goal to emphasize the solutions of the grand challenges facing the world in terms of energy, water, food, health-safety and environment. ICChE 2020 aims to cover all core topics of chemical engineering with the focus on selected topics of special interest to petrochemical, chemical, specialty chemical, food, pharma, bio and industrial sectors.

Special Topics

- The energy, water, environment and food nexus – renewable energy; water resources; environmental impact, food security
- Innovative technologies for circular economy-engineering, resources recovery and waste minimization
- Intelligent systems based on data-driven, machine learning and AI techniques
- Design and analysis of chemical based products such as paints, solvents, refrigerants, cosmetics, fuel-blends, fire-extinguishers, concrete-admixtures, biosensors and drugs
- Analysis, monitoring and management of process safety, health and risk
- Topics of special interest for Bangladesh (biofuels, fertilizers, textiles, pollution, cement-construction)

Core Topics

- Thermodynamics & transport properties (such as property models and databases)
- Catalysis & reaction engineering (such as chemical & bio conversions and combustion)
- Separation processes (such as distillation, absorption, adsorption, and crystallization)
- Food, Pharma and Bioengineering
- Pollution prevention and harmful emission control
- Computing systems and technology (such as modelling, design and synthesis)
- Process Control and Monitoring
- Materials engineering & science (such as membranes, adsorbents and sensors)
- Education (such as curriculum, teaching methods and distance learning)

Important Dates

- 31 March 2020 (abstract submission deadline)
- 31 May 2020 (author notification and invitation to submit full manuscripts)
- 20-22 December 2020 (ICChE 2020) with reception on 19 Dec

For more information visit: www.icchebuet.com



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PSEfor
SPEED

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Conference Organizers



Prof. Syeda Sultana Razia
BUET, Bangladesh
(Chair, Steering Committee)



Prof. Rafiqul Gani
PSE for SPEED, Denmark-Thailand
(Chair, International Scientific Committee &
Organizing Committee)



Prof. Iqbal M Mujtaba
University of Bradford , UK
(Co-Chairs, International Scientific Committee)



Prof. Shoukat Choudhury
BUET, Bangladesh



Dr. Md. Iqbal Hossain
BUET, Bangladesh
(Co-Chair, Organizing Committee)

Conference Scientific Program – 3 days program will include

- Plenary lectures (40 min) on special conference topics by well-known experts
- Keynote lectures (30 min) by invited researchers from academia and industry on selected topics
- Oral presentations (20 min) by authors of submitted abstracts
- Poster presentations by authors of submitted abstracts
- Special poster session for undergraduate students
- Design competition for undergraduate students

Address for Correspondence

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For more information visit: www.icchebuet.com