

Conference Committee

Conference Chair

Xianguo Li, University of Waterloo, Canada
Zhibin Yu, University of Glasgow, UK

International Organizing Committee

Hikmet Karakoc, Eskişehir Technical University, Turkey
SeongDae Kim, University of Tennessee at Chattanooga, US
Xianguo Li, University of Waterloo, Canada
Jing Shi, University of Cincinnati, US
Zhongchao Tan, University of Waterloo, Canada
Chong Wen Tong, University of Malaya, Malaysia
Qiuwang Wang, Xi'an Jiaotong University, China
Zhibin Yu, University of Glasgow, UK
XiaoYu Wu, University of Waterloo, Canada
Jian Zhao, University of Waterloo, Canada

Technical Committee

Qi Dang, Shanghai Jiao Tong University, China
Munur S. Herdem, Adiyaman University, Turkey
Franziska Hess, Technische Universität Berlin, Germany
Linus Krieg, Technische Universität Braunschweig, Germany
Hongxia Li, Khalifa University of Science and Technology, United Arab Emirates
Jun Li, University of Strathclyde, UK
Xiaoya Li, Nanyang Technological University, Singapore
Youcai Liang, South China University of Technology, China
Shiqi Ou, Oak Ridge National Laboratory, US
Yuesen Wang, MIT, US
XiaoYu Wu, University of Waterloo, Canada
Guopeng Yu, Sun Yat-sen University, China
Jian Zhao, University of Waterloo, Canada

International Advisory Committee

Suresh K. Aggarwal, University of Illinois at Chicago, US
Kalyan Annamalai, Texas A&M University, US
Adrian Bejan, Duke University, US
S. H. Chan, Yuan Ze University, Taiwan
Ibrahim Dincer, OntarioTech University, Canada
Xili Duan, Memorial University of Newfoundland, Canada

Fei Gao, University of Tech. of Belfort-Montbéliard, France
Nesreen Ghaddar, American University of Beirut, Lebanon
Michael D. Guiver, Tianjin University, China
Arif Hepbasli, Yasar University, Turkey
Hilary I. Inyang, Univ. of North Carolina at Charlotte, US
Mejdi Jeguirim, Institut de Sciences des Matériaux de Mulhouse, France
Zhongyi Jiang, Tianjin University, China
Kui Jiao, Tianjin University, China
Hongguang Jin, Chinese Academy of Science, China
Mark J. Kaiser, Louisiana State University, US
G.A. Karim, University of Calgary, Canada
I. Birol Kilkis, WattsRadiant, US
Chung K. Law, Princeton University, US
Wen-Feng Lin, Loughborough University, UK
Xianke Lin, OntarioTech University, Canada
Hongtan Liu, University of Miami, USA
Meng Ni, Hong Kong Polytechnic University, Hong Kong
Zhiyun Peng, University of Bedfordshire, UK
Ronghui Qi, South China University of Technology, China
Zhiguo Qu, Xi'an Jiaotong University, China
Saffa Riffat, University of Nottingham, England
Marc A. Rosen, OntarioTech University, Canada
Kaushik Saha, IIT Delhi, India
Yixiang Shi, Tsinghua University, China
Gequn Shu, University of Science and Technology of China
Bent Sorensen, Roskilde University Institute 2, Denmark
Charles Stone, éon consultants ltd, Canada
Zhongchao Tan, University of Waterloo, Canada
Shuichi Torii, Kumamoto University, Japan
Rui Xiong, Beijing Institute of Technology, China
Jin Xuan, Loughborough University, UK
Yun Wang, University of California, Irvine, US
XiaoYu Wu, University of Waterloo, Canada
Fengying Yan, Tianjin University, China
Jinyue Yan, Royal Institute of Technology, Sweden
Sining Yun, Xi'an University of Architecture and Technology, China

Conference Correspondence

Please address all correspondence regarding the conference to the Conference Secretary via:

Dr. Jian Zhao (jian.zhao@uwaterloo.ca)

Announcement and Call for Papers

International Green Energy Conference

(IGEC-XIV)



2022

Organized by
**The International Association for Green
Energy (IAGE),
University of Waterloo, and
University of Glasgow**

Conference Website:
<http://www.iage-net.org/igec2022>

July 4-8, 2022
Virtual

Conference Objectives

The International Green Energy Conference (IGEC) is a multi – disciplinary international conference on the use of energy with no or reduced environmental impact and will provide a forum for the exchange of latest technical information, for the dissemination of the high-quality research results, for the presentation of the new developments in the area of energy and environment and for the debate and shaping of future directions and priorities in sustainable development and energy security.

The conference will be of particular value and interest to researchers, scientists, engineers and practitioners who are working in the relevant field of energy and environment, from policy making, technical development to management and marketing.

Venue

The IGEC-XIV conference will be held virtually on 4-8 July, 2022.

Important Dates

May 1, 2022: Abstract/Paper submission due
May 7, 2022: Notification of Acceptance
May 21, 2022: Submission of Revised Paper
May 10, 2022: Early bird registration due
June 15, 2022 *: Regular registration due
July 4-8, 2022: Conference date

*Abstracts/Papers without registration of a presenter by June 15, 2022, will be excluded from the program or proceedings and will be disqualified for award and special issue opportunities

Conference Topics

Green energy may be defined as the form and utilization of energy with no, minimal, or reduced negative environmental and societal impact, or simply as environmentally friendly energy use. Therefore, papers on related topics are solicited from all relevant disciplinary areas, ranging from new concepts, modeling, experiments, to computational simulation. The topical areas of interest include, but are not limited to:

- Energy education
- Energy policy and planning
- Energy conversion and management
- Exergy and thermodynamic optimization
- Advanced energy systems
- Fuel cells
- Hydrogen energy
- Renewable and clean energy technologies
- Energy systems modelling and optimization
- Energy and environment
- Energy and sustainability
- Energy security
- Environmentally friendly energy technologies
- Energy resources and their efficient use
- Alternative and hybrid energy systems.
- Energy economics
- Energy and industrial ecology
- Energy and life cycle analysis
- Green power production and cogeneration
- Energy storage techniques
- Green buildings
- Environmental impact and climate change
- Pollutant emission, control and abatement
- Nuclear energy

Conference Format

The conference will be composed of the following events and activities:

- General contributed abstracts/papers that will be presented orally in technical sessions.
- General contributed poster presentations.
- Keynote papers by invited speakers.
- Panel sessions on special topics of particular interest.

Further there will be book/journal exhibition and social events for the conference delegates.

Conference Proceedings

All papers will be screened and reviewed by the conference technical and organizing committees under the direction of the International Advisory Committee. All accepted papers will be published in the Proceedings of the Conference, which will be available during the Conference and included in the registration package.

Journal Publication

High-quality original papers of archival value will be considered for publication in prestigious international journals, but primarily will be for the International Journal of Green Energy.

Registration Fee (USD)

Online *:

Regular delegate: \$150 (\$250 after May 10)
Student delegate: \$50 (\$100 after May 10)

* Only online format will be available due to the global pandemic.