Announcement & Call for Papers

International Green Energy Conference (IGEC-XV)

The International Green Energy Conference (IGEC) is a multi-disciplinary international conference on the use of energy with no or reduced environmental impacts and will provide a forum for the exchange of the latest technical information, for the dissemination of high-quality research results, for the presentation of new developments in the areas 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 relevant fields of energy and environment, from policy making, technical development to management and marketing.

Conference Topics

Green energy may be defined as the form and utilization of energy with no, minimal, or reduced negative environmental and societal impacts, 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 modeling 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 impacts 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.
- Book/Journal/Industry exhibitions.
- Social events for the conference delegates.

Conference Proceedings

All papers will be screened and reviewed by the conference Technical Committee under the direction of the International Advisory Committee. Eligible papers will be published in the Conference Proceedings, 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 Special Issues of prestigious international journals:

- Applied Energy (Elsevier)
- Energy (Elsevier)
- International Journal of Green Energy (T&F)
- Frontiers in Thermal Engineering
- Sustainability (MDPI)
- Energy and AI (Elsevier)
- Energy Storage and Saving (Elsevier)
Conference Committees

Conference Co-Chairs
Xianguo Li, University of Waterloo, Canada
Zhibin Yu, University of Glasgow, UK

International Organizing Committee
Hikmet Karakoc, Eskisehir 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
Cheng Wen Tong, University of Malaya, Malaysia
Qiuwang Wang, Xi’an Jiaotong University, China
Xiaoyu Wu, University of Waterloo, Canada
Zhibin Yu, University of York, UK
Jian Zhao, University of Waterloo, Canada

International Advisory Committee
Suresh K. Aggarwal, University of Illinois at Chicago, US
Kalyan Ammannai, Texas A&M University, US
Adrian Bejan, Duke University, US
S. H. Chan, Yuan Ze University, Taiwan
Ibrahim Dincer, Ontario Tech University, Canada
Xili Duan, Memorial University of Newfoundland, Canada
Fei Gao, University of Technology of Belfort, France
Hilary J. Inyang, University of North Carolina, Charlotte, US
Zhongyi Jiang, Tianjin University, China
Kui Jiao, Tianjin University, China
Mejdi Jeguirim, Université du Québec à Trois-Rivières, Canada
I. Birol Kilkis, Watts Radiant, US
Chung K. Law, Princeton University, US
Bin Li, Tianjin University, China
Wen-Feng Lin, Loughborough University, UK
Xianke Lin, Ontario Tech University, Canada
Hongtian Liu, University of Miami, US
Mariano Martín Martín, University of Salamanca, Spain
Meng Ni, Hong Kong Polytechnic University, Hong Kong
Zhijian Peng, University of Bedfordshire, UK
Ronghui Qi, South China University of Technology, China
Zhiqun Yu, Xi’an Jiaotong University, China
Saffa Riffat, University of Nottingham, UK
Xi Chen, Imperial College London
Yongliang Li, University of Birmingham
Hui Zhi Wang, Imperial College London
Jun Li, Strathclyde University
Prodip Das, University of Newcastle, UK
Munir S. Herdem, Adiyaman University, Turkey
Yasser Mahmoudi Larimi, University of Manchester, UK
Hongxia Li, Khalifa University of Science and Technology, UAE
Jun Li, University of Strathclyde, UK
Jun Wu, University of Technology, Singapore
Kun Liang, University of Sussex, UK
Youcai Liang, South China University of Technology, China
Shijie Ou, Oak Ridge National Laboratory, US
Muhammad Shahzad, UK
XiaoYu Wu, University of Waterloo, Canada
Yuesen Wang, University of Technology, Singapore
Yasser Mahmoudi Larimi, University of Manchester, UK
Mingjie Wu, McGill University, Canada
Guopeng Yu, Sun Yat-sen University, China
Xi Chen, Imperial College London
Yongliang Li, University of Birmingham
Hui Zhi Wang, Imperial College London

Important Dates (UK time)

- **Oct. 1, 2022:** Submission system opens
- **Feb. 28, 2023:** Abstract/Paper submission due
- **Mar. 15, 2023:** Notification of acceptance
- **April 30, 2023:** Submission of revised paper
- **April 30, 2023:** Early bird registration due
- **June 10, 2023:** Regular registration due
- **July 10-13, 2023:** Conference date

Registration Fee (Pound Sterling)

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
<th>After Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular delegate</td>
<td>£500 (£600 after Apr 30, 2023)</td>
<td>£600 (£700 after Apr 30, 2023)</td>
</tr>
<tr>
<td>Student delegate</td>
<td>£400 (£500 after Apr 30, 2023)</td>
<td>£500 (£600 after Apr 30, 2023)</td>
</tr>
<tr>
<td>Online</td>
<td>£300 (£400 after Apr 30, 2023)</td>
<td>£400 (£500 after Apr 30, 2023)</td>
</tr>
<tr>
<td>Student delegate</td>
<td>£250 (£300 after Apr 30, 2023)</td>
<td>£300 (£400 after Apr 30, 2023)</td>
</tr>
</tbody>
</table>

- Refundable at 80% before June 10, 2023
- Non-refundable after June 10, 2023
- On-site registration with cash is available, but won’t be able to present and attend dinner, etc.
- Each presenter can present maximum two papers

Sponsors

- **Frontiers** (Frontiers in Thermal Engineering)
- **MDPI** (Sustainability)
- **Taylor & Francis** (International Journal of Green Energy)

Conference Prizes

- **Best Paper Award** ($1000, sponsored by IJGE, Taylor & Francis)
- **Best Student Paper Award** (three winners with £500 each, sponsored by Sustainability, MDPI)
- **Best Student Presentation Award** (three winners with £300 each, sponsored by the Frontiers)

Correspondence

Please direct all correspondence regarding the conference to the Conference Secretary via:
Sambhaji Kadam: Sambhaji.Kadam@glasgow.ac.uk