IEEES-10 Symposium

The 10th International Exergy, Energy and Environment Symposium (IEEES-10) facilitates close cooperation and intellectual exchange with a large number of experts from the academia, leading R&D institutions, government agencies and the industry. It provides a platform for researchers, scientists, engineers, technologists and practitioners to discuss the current challenges, opportunities and future directions in the development of sustainable energy systems.

IEEES-10 covers a wide range of topics, including clean coal technologies, renewable energy technologies, smart energy systems, alternative fuels, hydrogen and fuel cell technologies, nuclear energy, desalination technologies and environmental technologies. A special symposium session will be devoted to hydrogen economy with a particular focus on hydrogen as a new and environmentally friendly energy carrier.

The previous successful editions of the symposium were organized in Izmir, Turkey (2003); Kos, Greece (2005); Evora, Portugal (2007); Sharjah, United Arab Emirates (2009); Luxor, Egypt (2011); Eurasia, Turkey (2013); Valenciennes, France (2015); Antalya, Turkey (2016) and Split, Croatia (2017).

Venue
Central Mining Institute, Katowice, Poland

Founding Chair
I. Dincer, UOIT, Canada

Honorary Chair
T.N. Veziroglu, IAHE, USA

Symposium Chair
A. Smoliński, Central Mining Institute, Poland

• clean coal technologies
• synthetic and alternative fuels
• renewable energy systems
• hydrogen production and utilization technologies
• biowaste utilization
• fossil fuels
• nuclear energy
• exergy analysis and modeling
• energy systems and applications
• environmental impact assessment
• environmental engineering technologies
• life cycle assessment
• refrigeration and heat pump systems
• combustion, pyrolysis, and gasification technologies
• thermal systems and applications
• smart grids
• desalination technologies
• green buildings
• thermodynamic optimization
• heat and mass transfer
• sectoral energy management
• green transportation vehicles
• sustainable communities
• electrochemical devices (fuel cells, capacitors, batteries, etc.)
• new materials for energy applications

International Advisory Committee:
T. Akiyama, Japan
H. Alami, UAE
F. Aloui, France
M. Arici, Turkey
O. Arnas, USA
A. Bejan, USA
A. Beyene, USA
Y. A. Cengel, Turkey
Y. Demirel, USA
I. Dincer, Canada
N. Duic, Croatia
M. Feidt, France
M. A. Gadalla, UAE
P. Grammelis, Greece
F. Hamdullahpur, Canada
A. Hepbasli, Turkey
N. Howaniec, Poland
Y. Iwamoto, Japan
T. H. Karakoc, Turkey
H. Kwak, Korea
X. Li, Canada
H. Lund, Denmark
P. Lund, Finland

Contact:
e-mail: ieees-10@gig.eu
tel. +48 32 259 27 00, +48 32 259 25 54
fax +48 32 259 65 33
address: Central Mining Institute (Główny Instytut Górnictwa) Poland, 40-166 Katowice, Plac Gwarków 1
www.ieees-10.gig.eu

A. Midilli, Turkey
F. Miguel, Portugal
G. F. Naterer, Canada
S. Nizetic, Croatia
S. Obara, Japan
M. Papadopoulos, Greece
M. B. Pate, USA
S. Prusek, Poland
H. Reis, Portugal
M. A. Rosen, Canada
C. Rosik-Dulewska, Poland
E. Sciubba, Italy
Z. Sen, Turkey
S. A. Sherif, USA
A. Smoliński, Poland
A. Szłęk, Poland
G. M. Tino, Italy
G. Tsatsaronis, Germany
V. I. Ugursal, Canada
T. N. Veziroglu, USA
H. Yamaguchi, Japan
J. Yan, Sweden
I. Yildiz, Canada
X. R. Zhang, China