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جامعة حمد بن خليفة
HAMAD BIN KHALIFA UNIVERSITY
عضو في مؤسسة قطر
Member of Qatar Foundation

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Texas A&M at Qatar, Ryerson University and HBKU organize international thermal engineering conference

Scientists and engineers from around the world gathered in Doha to attend the 2018 International Conference on Thermal Engineering Theory and Applications (ICTEA).

The conference was organized by Texas A&M University at Qatar, Ryerson University (Canada) and Hamad Bin Khalifa University (HBKU), and sponsored by the Qatar National Research Fund (QNRF).

Dr. César O. Malavé, dean of Texas A&M at Qatar, said, “Since 2004, this conference has been forging contacts between academics and researchers in regional institutions and their counterparts around the world. The caliber of speakers this year reflects the significance of this event to the region and we are honored to have scholars of their renown here to share their experience and expertise.”

Dr. Mounir Hamdi, dean of HBKU’s College of Science and Engineering, said, “We value our partnership with Texas A&M University at Qatar and Ryerson University. The ICTEA conference’s keynotes, presentations, and research papers have helped us achieve a critical understanding of some of the most pertinent topics within the field of thermal engineering theory, as well as its practical applications to the oil and power industries. These are in line with our M.S. and Ph.D. programs in sustainable energy and sustainable environment, as well as the research that we conduct within the Division of Sustainable Development at CSE. The conference strongly benefits from the collective experiences of its speakers, all of whom are established experts in their areas within industry and academia.”

This year’s conference featured seven invited speakers, as well as 40 technical papers and a poster session. The second day of the conference included ICTEA’s first-ever student research symposium organized by Texas A&M University at Qatar during which undergraduate university students presented their research papers and posters. First prize went to Tabarak Abdulhussein for his paper, “The Effect of Wettability on Viscous Fingering and Oil Recovery.” Second place went to the team

of Danilo Yu, Kevin K. Ye, Alan S. Fung, Wey Leong, Zaiyi Liao for their paper, “Optimal PV Design and Configuration for Use in a BIPV/T System.” Third place went to Anthony Alex, Austin George, Bijo Thomas and Bonny Mathew Antony for their poster, “Design, Fabrication, and Experimental Investigations on PEM Fuel Cells.”

ICTEA organizers said that well-defined and focused high-quality scientific meetings dedicated to forging contacts between academics and researchers in regional institutions of higher learning and their counterparts abroad are scarce. The purpose of the biannual international conference rotated around the Middle East, Gulf and North African region countries is to meet this need and to provide a well-structured platform to boost research activity and productivity in the region, as well as opportunities for networking.

The ICTEA conference series serves as a focal point for the gathering of scientists and engineers who hail from this region and who are working abroad in Europe, North America and other industrialized parts of the world. Thermal engineering was selected as an umbrella title for the conference series because this research area is of great importance to the region. Topics related to environment, energy, petroleum and construction are obvious examples of thermal engineering applications that are crucial to the economic development of the region.

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About Hamad Bin Khalifa University
Innovating Today, Shaping Tomorrow

Hamad Bin Khalifa University (HBKU), a member of Qatar Foundation for Education, Science, and Community Development (QF), was founded in 2010 as a research-intensive university that acts as a catalyst for transformative change in Qatar and the region while having global impact. Located in Education City, HBKU is committed to building and cultivating human capacity through an enriching academic experience, innovative ecosystem, and unique partnerships. HBKU delivers multidisciplinary undergraduate and graduate programs through its colleges, and provides opportunities for research and scholarship through its institutes and centers. For more information about HBKU, visit www.hbku.edu.qa.

About Texas A&M University at Qatar

Since 2003, Texas A&M University has offered undergraduate degrees in chemical engineering, electrical engineering, mechanical engineering and petroleum engineering in Qatar Foundation’s Education City, and graduate degrees in chemical engineering since fall 2011. Texas A&M at Qatar has awarded 870 degrees. All four undergraduate engineering degree programs are accredited by the Engineering Accreditation Commission of ABET. Faculty from around the world are attracted to Texas A&M at Qatar to educate the next generation of engineering leaders in Qatar and to conduct research valued at more than $248.2 million that address issues important to the State of Qatar. Visit www.qatar.tamu.edu.