



## Center of Excellence for Energy

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## Energy Discussion

January 13, 2020

Faculty of Engineering Mansoura University

At Prof. Rashad El-Badrawy Hall

The USAID-funded Center of Excellence for Energy Project and Mansoura University are proud to host an “Energy Discussion” with renowned professors from Massachusetts Institute of Technology. The event will highlight how we can promote research, education and innovation activities in energy industry in Egypt.

### Event Agenda

- 12:00 Prof. Ahmed Ghoneim: The importance of the integration of education and research
- 13:00 Prof. Gang Chen: Innovations in Thermal Materials and Systems at the Energy and Water Nexus
- 14:00 Discussion

## Center of Excellence for Energy Speakers: MIT Professors Ahmed Ghoniem and Gang Chen

- **Prof. Ahmed F. Ghoniem** is the Ronald C. Crane Professor of Mechanical Engineering. He is the principal investigator and director of research of the Center of Excellence in Energy, director of the Center for Energy and Propulsion Research and the Reacting Gas Dynamics Laboratory at MIT. He received his B.Sc. and M.Sc. degree from Cairo University, and Ph.D. at the University of California, Berkeley. His research covers clean energy and combustion with focus on CO<sub>2</sub> capture, renewable energy and alternative fuels, and computational engineering.

- **Prof. Gang Chen** is the Carl Richard Soderberg Professor of Power Engineering at Massachusetts Institute of Technology. He obtained his PhD degree from the Mechanical Engineering Department, UC Berkeley. He received an NSF Young Investigator Award, an R&D 100 award, an ASME Heat Transfer Memorial Award, a Nukiyama Memorial Award by the Japan Heat Transfer Society, a World Technology Network Award in Energy, an Eringen Medal from the Society of Engineering Science, and the Capers and Marion McDonald Award for Excellences in Mentoring and Advising from MIT. He is a fellow of American Association for Advancement of Science, APS, ASME, and Guggenheim Foundation. He is an academican of Academia Sinica, a member of the US National Academy of Engineering, and a member of the American Academy of Arts and Science.

