Graduate STEM Education for the 21st Century

Monday, October 15, 2018
3:30 - 5:00 p.m.
José Milton Leadership Hall
McArthur Engineering Addition Room 202 (MEA 202)
1251 Memorial Drive, Coral Gables, FL 33146

The three National Academies (National Academy of Sciences, National Academy of Engineering, and National Academy of Medicine) recently released a report in May 2018 entitled “Graduate STEM Education for the 21st Century,” which addresses the U.S. graduate education in science, technology, engineering and math (STEM) in order to meet the evolving needs of students, the scientific enterprise and the nation. The report describes an ideal graduate education and identifies the core competencies that PhD and master’s students should acquire. Dr. James M. Tien, distinguished professor and dean emeritus, was a contributor to the report and will be presenting the findings.

RSVP online at https://graduatestemeducation.eventbrite.com
Watch the Livestream at coe.miami.edu/graduatestemeducation

Questions? Please send an email to Derin Ural at dnu3@miami.edu or call (305) 284-6385.

James M. Tien (NAE) is distinguished professor and dean emeritus of the University of Miami College of Engineering. An internationally renowned researcher, he formerly served as the Yamada Corporation Professor at Rensselaer Polytechnic Institute, was founding chair of its Department of Decision Sciences and Engineering Systems, and professor in its Department of Electrical, Computer and Systems Engineering. Tien joined the Rensselaer faculty in 1977 and twice served as its acting dean of engineering. In 2001, he was elected to membership in the National Academy of Engineering, one of the highest honors accorded an engineer. His research interests include systems modeling, public policy, decision analysis, and information systems. He has served on the Institute of Electrical and Electronics Engineers Board of Directors (2000-2004) and was its vice president in charge of the Publication Services and Products Board and the Educational Activities Board. Tien earned his bachelor’s degree in electrical engineering from Rensselaer and his PhD in systems engineering and operations research from the Massachusetts Institute of Technology.