Organized as an information dissemination and exchange forum, the International Conference on Engineering Education emphasizes the dissemination of information on state-of-the-art advances in education and research, especially innovative approaches that link the two activities in addressing the education goals of new engineers of the 21st century.

ICEE programming also emphasizes the importance of trans-national cooperation and cross-cultural networking to advance the effectiveness of engineering education. It is a conference series that highlights the worldwide progress and experiences in engineering education; it is also a platform for forging mutually beneficial collaborative efforts.

The International Network for Engineering Education and Research (iNEER) is the principal sponsor of the International Conference on Engineering Education (ICEE). In coordination with the ICEE International Steering Committee (ISC), iNEER encourages innovative ideas and models for international cooperation. It also encourages new proposals to host the ICEE or similar conferences and workshops. The Network also helps develop collaborative initiatives emanating from these get-togethers.
ICEE 2006 will be held at the Wyndham Condado Plaza Hotel & Casino. From the luxury hotel itself to the attractions of San Juan (capital city) and the Condado strip, you'll have the best Puerto Rico offers. Puerto Rico is a commonwealth of the United States. It is an island 100 by 35 miles wide — but don't let these measurements fool you. Close to 4 million people live on the "Island of Enchantment," with more than a million in the greater San Juan metropolitan area alone. Both Spanish and English are the official languages, the local currency is the U.S. dollar, and no visas or passports are required to enter Puerto Rico from the United States. The climate is as close to perfect as it can get, averaging 83°F (22.7°C) in the winter and 85°F (29.4°C) in other words it's always summer!!!

Topics

Engineering Education and Innovation

Accreditation/assessment issues
Profiles of new engineers
Outcomes assessment strategies
Roles of constituents and stakeholders
Academic and administrative issues
Higher education models
Advising and mentoring programs
Faculty career development
Teaching the art of teaching
Students and teachers mobility

Enhancing learning and undergraduate experience
Foreign languages in engineering & technology education
Practice-based education & technology education
Integrated laboratory instruction
Capstone/creative design experiences
Undergraduate research experiences
Active/cooperative learning

Technology for teaching and learning
Multimedia and virtual reality applications
Web-based education
Distance and virtual learning
Digital libraries
Engineering technology education issues
Diversity issues and women and minorities in engineering & technology
Engineering practice trends and issues
The professional degree
Higher education models in various countries
Curriculum design and innovation
New approaches to core curricula
Non-traditional curricula
Innovative approaches to first year engineering education
Laboratory innovations
Learning models and technology
Multidisciplinary experiences
Entry level course design
Integration of basic sciences in engineering

Integrating humanities, ethics, social, and environmental responsibility into the engineering and technology curriculum
Social sciences in engineering and technology education

Partnerships for Success

International cooperation
Industry-university-government collaborations
Engineering and technology education and the job market
Cooperative experiences and networking
K-12 initiatives-increasing the pool
Globalization trends and engineering/technology education
The international engineer
Environmental challenge

ICEE 2006

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