

Team Develops Simulation Techniques To Improve Polymer Manufacturing

The Engineering Research Center for Power Electronics Systems (CPES), headquartered at Virginia Polytechnic Institute and State University, is globally recognized as a leader in the field and is frequently asked to send professors to present at conferences and meetings internationally. Over the last ten years, CPES faculty have delivered lectures, tutorials, and short courses to thousands of academics and researchers, engineers and industry practitioners, and graduate and undergraduate students on all five continents.

CPES Deputy Director Dushan Boroyevich and associate professor Ming Xu were among ten professors from around the world who delivered a one-week short course on modern power electronics organized by Xi'an Jiaotong University in Xi'an, China, in August 2006. The course covered the whole field of power electronics technology, from power electronic devices to circuit topologies, modeling, and control, as well as the latest trends in practical applications.

The event was one of the largest educational gatherings ever focused solely on modern power electronics. Lectures at the conference attracted over 300 graduate students, young professors, teachers, and engineers from Tsinghua University, Zhejiang University, Huazhong University of Science and Technology, Harbin Polytechnic University, Northwestern Polytechnic University, Polytechnic University of Xi'an, China Electric Power Research Institute, Institute of Electronics Automation, and other organizations from across China.

The participation of CPES' Boroyevich and Xu is one of many examples of how the Center spreads the knowledge it generates about power electronics around the world, and the week once again demonstrated CPES' leadership in the field to an international audience.



Dushan Boroyevich, co-director of the Center for Power Electronics Systems, lectures at a weeklong course on power electronics at the Xi'an Jiaotong University in August 2006.



Prof. Boroyevich taught to over 300 participants at the Modern Power Electronics Short Course in Xi'an, China.

Center for Power Electronics Systems (CPES) - <http://www.cpes.vt.edu>

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