

Incorporating Standards into Capstone Design Courses

Agenda

1:30 pm	<p>Overview Dr. William E. Kelly, The Catholic University</p> <p>An introduction to the integration of standards into capstone design and Accreditation Board for Engineering and Technology (ABET) criteria requirements to incorporate standards in design. Includes a discussion of the importance of standards and conformity assessment in real-world applications.</p>
1:45pm	<p>Standards and Conformity Assessment in Design Ajit Jillazenkatesa, National Institute of Standards (NIST) Daniel Schultz, ASTM International</p> <p>Panel discussion on the value of incorporating standards into engineering education programs based on the role of standards in product design.</p>
2:15pm	<p>Searching for Standards Pamela Suett, American National Standards Institute (ANSI).</p> <p>Tutorial on searching for standards using the NSSN: A National Resource for Global Standards (www.nssn.org).</p>
2:45pm	Break
3:00pm	<p>The IEEE Approach Theodore A. Bickart, Institute of Electrical and Electronics Engineers (IEEE)</p> <p>Report on the highlights of an IEEE engineering education survey; current IEEE university outreach programs and new resources such as an internet tutorial for electrical and computing engineering faculty and students.</p>
3:30pm	<p>Standards Application and Resources for Design Chris Hanson, American Society of Civil Engineers (ASCE) Pat Morris, INCITS</p> <p>Case study approach on how standards are used in practice in I.T. and civil engineering fields.</p>