

Educating Engineers for a Changing World

Leading transformation from an unsustainable global society

**ISEE
2010**

 **BORD GÁIS**



ucc

Coláiste na hOllscoile Corcaigh, Éire
University College Cork, Ireland

Initial Abstract
Submission Deadline:
30th NOVEMBER 2009

1st - 2nd JULY 2010

SYMPOSIUM TOPICS

- Educating the new engineer; new vision, new opportunities
- Embedding sustainability throughout the engineering curriculum
- Entrepreneurship and innovation in engineering education
- Engineering ethics; roles, responsibilities and sustainability
- Engineering for basic needs and the developing world
- Teaching sustainability
- Applying educational technology / IT to enhance learning
- Pedagogical approaches & assessment methods for achieving learning outcomes
- Industry perspectives on engineering education
- The Bologna process and engineering education
- Other engineering education topics, including discipline specific topics

3rd INTERNATIONAL SYMPOSIUM FOR ENGINEERING EDUCATION

University College Cork, Ireland

The twenty first Century and beyond will present human society with a set of unprecedented challenges emanating from the unsustainable nature of the current societal model.

Clearly society must find a transformative model to a sustainable future, and fast. Engineers, with their technical know-how and systems approach to problem solving, are well placed to lead this necessarily interdisciplinary and collaborative endeavour. However, engineering education must be fit for purpose in

providing engineers with the tools to undertake the challenges ahead and to seize the opportunities.

The Symposium will incorporate an Institutional Discussion Forum in conjunction with a number of Professional Engineering Institutions as well as a Delegate Workshop to examine some of these issues.

We look forward to welcoming you to Cork for a stimulating, thought provoking and transformative ISEE Symposium in 2010!

www.ucc.ie/isee2010