

Proposal for 4th International CDIO Conference

ACTIVE ENGINEERING EDUCATION

June 16-19, 2008
University College Ghent
Ghent, Belgium.

Title

CDIO Standards, Quality Assurance, and Accreditation: A Global Perspective

Authors and Affiliations

Author:

Peter J. Gray, Director of Academic Assessment, Faculty Enhancement Centre,
United States Naval Academy

Type of Presentation

_____ active paper (15-30 min)

_____ poster session (60 min)

_____ advanced workshop (45 min)

X round-table session (60 min)

_____ advanced workshop (90 min)

Short Description

This round-table discussion will focus on the connection between the CDIO standards and other quality assurance and accreditation schemes. A survey of CDIO leaders will be used to stimulate discussion. Participants will also have an opportunity to share their perceptions of the utility of CDIO standards and related schemes.

Relevance to the Conference Theme, Strands, and/or CDIO Initiative

Please indicate (tick) the strand that the presentation most closely relates to.

Application of CDIO to a wide range of disciplines	Curriculum and programme design
The involvement of industry	Technology-enhanced learning
Development of professional competences	Assessment of professional competences
Design-implement experiences	Facilitating change in engineering education
Supporting sciences and CDIO	✓ Evaluating the impact of CDIO Programs
Student involvement	Active and experiential learning

Abstract

A survey of CDIO leaders will be distributed at the beginning of the round-table session to stimulate discussion.

Participants will be asked to discuss their perceptions of, first, the connection between the CDIO standards and other quality assurance and accreditation schemes and, second, the utility of CDIO standards and related schemes in improving program quality especially in relation to student learning outcomes.

A summary of the discussion will be distributed to participants and others after the conference in order to keep the discussion going.

Active presentation techniques

The session will be entirely “active” on the part of the participants as they will be wholly in control of the flow of the discussion, with the author acting as a facilitator.

Facilities/equipment required (tick all those appropriate)

- Computer projector (provided in all locations)
- Overhead projector
- ✓ Flip charts and pens
- Clickers (personal response system)
- Coloured flash cards
- ✓ Post-it notes
- Other (please describe):