

4th International CDIO Conference
ACTIVE ENGINEERING EDUCATION

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

Title CDIO implementation process at Turku University of Applied Sciences

Authors and Affiliations

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Type of Presentation: (check one)

active paper (15-30 min)
 poster session (60 min) round-table session (60 min)
 advanced workshop (45 min) advanced workshop (90 min)

Short Description (50 words or less to be published in the programme, please include the learning objectives for participants in your session)

The poster session will provide a description of the CDIO implementation process at our university with the motivation and challenges identified.

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 in engineering education
- Technology-enhanced learning
- Development of professional competences
- Assessment of professional competences
- Design-implement experiences
- Facilitating change in engineering education
- Supporting sciences (maths, physics, chemistry ...) and CDIO
- Evaluating the Impact of CDIO Programs
- Student involvement in the development of engineering education
- Active and experiential learning

Abstract (maximum one A4 sheet)

The school of Telecommunication and e-Business at the Turku University of Applied Sciences first got to know CDIO initiative in summer 2006 at Engineering Education conference in Liverpool. Since then we have been systematically worked towards joining the CDIO network and in fall 2007 our application to join CDIO initiative was accepted as first Finnish higher education institute.

This poster will describe our school, our motivation for joining CDIO initiative, the step we have taken, the challenges we have faced and finally how we will continue the implementation process. In addition to the poster, a descriptive formal paper of our process will be written.

Active presentation techniques

Describe one or two ways in which you intend to engage the audience (for example, paired discussion, personal response using clickers or flash cards ...). This section is a decisive factor in the acceptance of your proposal and the amount of time you will be allocated.

Active presentation technique(s) to be used:

I will be there to answer questions relating to our implementation process. In addition, a handout will be given to those interested.

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):

Send all proposals via e-mail as MS Word or pdf files to jgaywood@liv.ac.uk on or before **December 7th 2007**