

CONTACTS



Electronically Enhanced Education in Engineering



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This project builds on the experience of the partnership in using the Internet to complement and enhance the learning experience within a high level engineering discipline. Through a previous project, Cranfield developed an Internet shell: a specially designed set of linked web pages that enables teachers to load materials on to the Internet and enables learners to access these materials at appropriate times to enhance their learning.

This project develops and tests innovative forms for the display and manipulation of learning materials. That is it develops 'learning objects' to be used in conjunction with the existing shell.

Learning objects are based on proven techniques such as streamed video and audio presentations, animated simulations and interactive applets.

The objects are developed by lecturers who are also developing the related pedagogical procedures that allow their effective use by the learners. The pedagogical procedures will make use of techniques such as the 'Tutor coaching Student' and 'Student coaching Tutor' which have been recently developed and demonstrated in the USA.

These learning objects and pedagogical procedures will be generic in nature and will be tested and demonstrated with specific high level courses in Mechanical Engineering.



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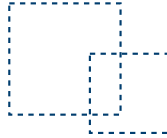
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DISSEMINATION WORKSHOP PROGRAMME

18th of March

Universidade do Porto, Portugal

Reitoria da Universidade do Porto
R. D. Manuel II
4050 - 345 Porto, Portugal



- 10:00 Welcome and Project Presentation
- 10:30 Keynote speech: Evaluating Learning Object Libraries: Content and Application
Prof. Sebastian Foti, University of Florida
- 11:00 Coffee-break
- 11:30 Safety in construction, Universidade do Porto
Manufacturing Planning and Control Workbench, Linköping
- 12:30 Lunch Break
- 14:30 Multiphase Flows and their Measurements, Cranfield, University
Workflow management into Product Data Management(PDM) system, ESTIA
Support for Numerical methods for Differential Equations, Cranfield University
- 16:00 Coffee-break
- 16:30 Distributed Architectures Models for Industrial Information Systems, ESTIA
Mechanical Testing, Universidade do Porto
From the Need to the Functional Specifications – tools and methodologies, ESTIA
- 17:30 Discussion

The registration is free but required. Please fill in the form in attachment and follow the included instructions.

REGISTRATION FORM



NAME

INSTITUTION

COUNTRY

E-MAIL

Please send the Registration Form to:
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