



Workshop on Engineering Education

On 3 Nov 2011 TU Delft organized a workshop on excellence in engineering education for the IDEA League. The workshop was conceptualized by Prof. Peter Wieringa, Vice-Rector of TU Delft, as an occasion to exchange best practice examples for teaching engineering courses, and to discuss challenges plus possible solutions. With the aim to start a discussion among scholars who have an excellent reputation in teaching, the optimal learning environments were analyzed. Teachers shared their substantial experience including their vision on teaching, thus revealing their recipes, the nuts and bolts for creating an excellent learning group.

Prof. Eric Mazur, a well know physicist of Harvard University, captured everyone's attention with his stimulating inaugural presentation on active learning experience. He shared his views on adapting peer instruction to get students to think creatively in class. He made a case that his audience response system driven by data-analytics does away with multiple choice questions and helps instructors design better questions, manage time and process flow, and optimizes the discussions in the classroom. Next on the agenda was one presentation per IDEA League partner university featuring an outstanding teaching tool, method or project in engineering education. As it turned out, all examples of best practice presented were based on the

understanding that in a classical lecture too little learning takes place. The quality of the teacher is a substantial hallmark in the worldwide competition to attract the best students. The IDEA League is a network par excellence to take the lead in stimulating European Engineering Education best practices. In addition to the presenters participants of the workshop were Deans and Directors of Education, novice teachers, and PhD students.

Summer and Winter Schools

In 2011 the IDEA League offered five summer schools to the students of the network.

- Employability and Entrepreneurship
- Ethics, Internet and Software Design
- Cortona Week
- IDEAL Mobility
- IDEAL Photo Voltaic Solar Energy

The summer schools for 2012 will be published on the IDEA League web pages in April 2012.

IDEA League Student grants

There are 180 monthly grants of 1000€ available for 2012. Please promote this opportunity to the students! <http://www.idealeague.org/education/studentgrant>

Forthcoming Meetings

Joint Boards Meeting: 13 Mar 2012 at ETH
Sports Event: 13-15 Jun 2012 at IC London
Cortona Week: 18-25 Sep 2012 by ETH
Joint Boards Meeting: 18 Oct 2012 at TU Delft