# DTU Becomes a Member of CDIO
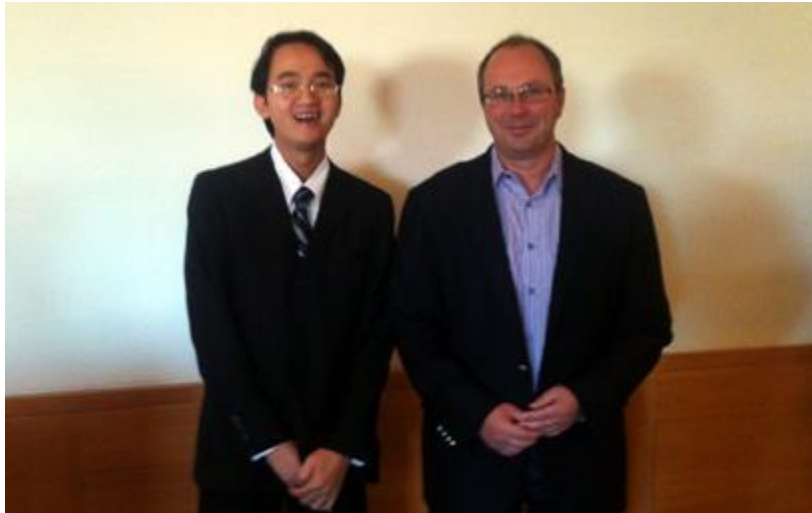
At the beginning of July, at the 8th CDIO Conference, held at Queensland University, DTU was recognized as a new member. This was a remarkable event for the national academic system in general and DTU in particular.

CDIO (Conceive; Design; Implement; Operate) is an innovative educational framework which provides students with learning methods and skills required to adapt to social trends. Initially conceived at the Massachusetts Institute of Technology (MIT), the number of international institutes implementing CDIO has increased significantly, especially in the USA. CDIO is based on the commonly shared premise that engineering graduates should be able to Conceive, Design, Implement and Operate complex value-added engineering systems, in a modern team-based engineering environment, in order to create systems and products. As an outcome-based assessment, it is designed logically and scientifically to be adapted widely in a broad range of educational settings.



*Dr. Le Nguyen Bao, DTU Vice-Provost and Prof. Johan Malmqvist, one of the CDIO's founders*

CDIO is an excellent tool for professionals and, at the same time, helps students learn both the "hard skills" and "soft skills" in order to adapt to today's working environment.

CDIO provides distribution channels for program materials and the exchange of resources and have assembled a unique development team specializing in topics such as curricula, teaching and learning, assessment, design and build and communications.

Established in 2000, with more than 80 member institutions in over 25 countries, the CDIO Initiative is steadily growing. Eight new members were recruited at the 7th International CDIO Conference, held at the University of Technology in Denmark. They were the Kanazawa Institute of Technology, Aalborg University, RWTH Aachen, Kemi-Tornio, the University of Applied Science, Savonia University of Applied Science, the AFEKA Tel Aviv Academic College of Engineering, the SCE Shamoon College of Engineering and the Chengdu University of Technology.

Based on partnerships with universities in the US and Singapore, DTU has quickly applied CDIO in academic training, by investing in new infrastructure, modern equipment, setting standards for "outcome", applying new

teaching methods, expanding collaboration with foreign universities and colleges, and so on. Eighty-nine percent of DTU students find jobs on graduation and most impress their companies with abilities.



*Members of Ho Chi Minh National University and DTU at Queensland University of Technology*

So far, DTU is the first Vietnamese private university to become a CDIO member, in addition to the Ho Chi Minh National University. This is proof of the international reputation of DTU. As a result, DTU has gradually become one of the leading universities in Vietnam.

*(Board of Website Editors)*