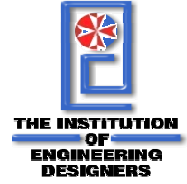




Creativity in Engineering Design: Case Studies from Germany



On Wednesday the 17th of November 2010 the Department of Industrial and Manufacturing Engineering, University of Malta together with the Institution of Engineering Designers (IED) UK, Malta Branch, held a Public Lecture on Creativity in Engineering Design at the Faculty of Engineering.

The Public Lecture was presented by Prof Dr Ing. Peter Leibl, a professor at the Department of Precision and Micro Mechanics, Munich, University of Applied Sciences, Germany.

Following a short introduction by Dr Ing Philip Farrugia, regional coordinator of the IED Malta Branch, Prof Leibl gave a lecture on Creativity in Engineering Design. In his presentation Prof Leibl highlighted the fact that high cost countries have a high pressure on the engineering design process to be successful in a worldwide market. This leads to the need of developing processes and methods to develop competitive products. This in itself has to be reflected in the engineers' education. Prof Leibl explained how this education in one part is the theoretical background received during the study courses at Universities and another is the use and combination of this knowledge. Prof Leibl went on to present how at the Munich University of Applied Sciences, during the last years, concepts for bachelor and master study courses were developed to fulfil these requirements. The presentation showed such projects in detail. The project partners included not only Universities, but others, such as partners from industry. A summary and the targets for the future are given were also presented.

The Public Lecture was well attended with a student audience, engineers from industry, University lecturers and staff, and IED Members. Following the public lecture some refreshments were served, and the audience continued their discussions with Prof Leibl

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