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Dublin Institute of Technology  
Dublin, Ireland

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Part I
Special Issue on Manufacturing Engineering Education (1)  
Guest Editors  
Paul Shiue and Thomas Kurfess

Part II
Contributions in Engineering Education Research,  
Control Engineering, Computer Science,  
Chemical Engineering, Mechanical Engineering and  
Engineering Mathematics

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Johnstone—A University project to produce an analogue robot kit for schools: Do customer-based projects affect student motivation?

El-Hajj, Kabalan—The Use of Spreadsheets to Calculate the Convolution Sum of Two Finite Sequences

Simpson-IME, Inc.—A New Course for Integrating Design, Manufacturing, and Production into the Engineering Curriculum

Liu, Schonwetter—Teaching Creativity in Engineering

Qu—Using XML/Java to Enhance Online Learning Architecture in Engineering Education

O’Doherty—Working as part of a balanced team

Kutlu—Microlab: A Web-Based Multi-User Remote Microcontroller Laboratory for Engineering Education

Ball—A Student Learning Environment without the overhead? Reviewing Costs and Benefits of CAL Within a Manufacturing Course

Salama—A Model Project for Screening and Assessing ECE Capstone Senior Design: Video Compression and Error Concealment Over the Internet

Ellis—Using Concept Maps to Enhance Understanding in Engineering Education

Bilal, Adams, Kess—Reversing the Roles of Experiment and Theory in a Roving Laboratory for Undergraduate Students in Mechanical Vibrations

Abu-Eisheh—Assessment of the Output of Local Engineering Education Programs in Meeting the Needs of the Private Sector for Economies in Transition: The Palestinian Territories Case

Kaminsky et al.—Evaluating and Improving the Quality of an Engineering Specialization Program through the QFD Methodology

Speich, Gad el Hak et al.—The Experiential Engineering Library

Hurley, Xu, Bright—Implementing Fuzzy Logic for Machine Intelligence: A Case Study

Ingram—Making the Transition From Engineering Student to Practicing Professional: A Profile of Two Women