A selection of papers accepted for publication

Harlim and Belski—Long-term Innovative Problem Solving Skills: Redefining Problem Solving

Caruli *et al.*—An Integrated Framework to Support Design & Engineering Education

Cavallucci and Oget—On the Efficiency of Teaching TRIZ: Experiences in a French Engineering School

Becattinia *et al.*—A TRIZ-based CAI Framework to Guide Engineering Students towards a Broad-spectrum Investigation of Inventive Technical Problems

Rizzi *et al.*—Teaching Students to Structure Engineering Problems with CAI Tools

Belski *et al.*—Teaching TRIZ at University: A Longitudinal Study

De Carvalho—IDEATRIZ – A Methodology for New Product Ideation

Lou *et al.*—Effect of Using TRIZ Creative Learning to Build a Pneumatic Propeller Ship while Applying STEM Knowledge

Rivera-Solorio *et al.*—Design and Construction of a Boat Powered by Solar Energy with the Aid of Computational Tools

El-Sakran *et al.*—Contextualizing Teamwork in a Professional Communication Course for Engineering Students

Capobianco and Mena—Longitudinal Profiles of Children's Conceptions of an Engineer

Lantada *et al.*—Towards Successful Project-Based Teaching-Learning Experiences in Engineering Education

Puente *et al.*—Empirical Validation of Characteristics of Design-Based Learning in Higher Engineering Education

Moreno *et al.*—Teaching Computer Architecture using a Collaborative Approach: The SIENA Tool, Tutorial Sessions and Problem Solving

Zemke and Zemke—Cognitive Hindrances to Learning Mechanical Design

Payri *et al.*—Simulation of Common Rail Injections Systems on the AMESim Patform for Taching Diesel Common Rail Injection Systems Characteristics and Performances

LeBoeuf *et al.*—Identification and Reduction of Non-Technical Competency Gaps of Engineering Graduates in Chile

Larsson *et al.*—Gender-Aware Course Reform in Scientific Computing

Lawanto *et al.*—Task Interpretation, Cognitive, and Metacognitive Strategies of Higher and Lower Performers in an Engineering Design Project: An Exploratory Study of College Freshmen

Matusovich *et al.*—Why Women Choose Service-Learning: Seeking and Finding Engineering-Related Experiences