

Guest Editorial

Selected Papers from the ICOI 2013, Hua Hin, Thailand, 2–4 July 2013

The International Conference of Organizational Innovation (ICOI) is now in its 9th year, and we are delighted to present a diversity of conference best papers from our innovation education stream, and more specifically, the integration of engineering and innovation education. We thank the editorial and review team of the International Journal of Engineering Education (IJEE) for their professional and collegial support. Special issue Editors, Professors Charles Sheih and Alex Maritz are executives of the International Association of Organizational Innovation (IAOI); responsible for hosting the annual ICOI, and with responsibility to nominate papers for this special issue. A total of 7 peer-reviewed papers are presented. Each paper was subject to a rigorous double-blind review process, after which an international review panel selected the best 7 papers for publication.

The 7 papers represent topical and innovative teaching and learning pedagogy and context in the discipline of engineering education. Paper 1 by Hsueh and Huang empirically evaluates student core competencies with a view of cultural and creative design education; whereas paper 2 by Sheng et al. postulate green design courses to evaluate the indoor environment health of buildings in Taiwan. In paper 3, Maritz, de Waal and Sheih use case study analysis to develop a framework of entrepreneurship and innovation education in an engineering context. Eco-innovation product design is tested applying Triz and life cycle engineering in paper 4 by Chou; and a gesture-based learning system by Hsieh and Hsieh in paper 5. The impact of design imagination is postulated in paper 6 by Hsu et al., and student-learning motivation is examined by Shieh in paper 7. We thank the authors and co-authors for their scholarly activities.

Professor Charles Sheih
Chang Jung Christian University, Taiwan

Associate Professor Alex Maritz
Swinburne University of Technology, Australia