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## Part I

### **Special Issue**

**Innovative Approaches to Control Engineering Education** 

## **Guest Editors**

**Kok Kiong Tan** 

National University of Singapore

## **Denis Gillet**

Ecole Polytechnique Fédérale de Lausanne (EPFL)

## Part II

**Contributions in Engineering Education Research,** 

**Computer Aided Learning, Power Electronics,** 

Assessment and Geoenvironmetal Engineering

# The International Journal of ENGINEERING EDUCATION

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Stanley et al.—Traffic Monitoring Using a Three-Dimensional Object Tracking Approach

Maglaya—Development of a Waste Heat Recovery Mechanical Dryer

Woods-Estimation of Light Speeds Using PC/Windows Networked computers

**Ogot**—Integrating Systematic Creativity into First-Year Engineering Design Curriculum

Mougharbel et al.-Remote Lab Experiments Models: A Comparative Study

**Padmaperuma** *et al.*—Opportunities and Challenges in Instructional Design for Teaching the Flexure Formula Using a Revised Bloom's Taxonomy

Sebastian—Evaluating Online Testing Technology

Fraser et al.—Using Variation to Enhance Learning in Engineering

Sweeney—Undergraduate Research and Education in Nanotechnology

Bejan, Lorente—Design with Constructal Theory

Smithers-Challenges for Bioresources Engineering Education in South Africa

Lackey—Grade Inflation: Potential Causes and Solutions

Shakerin—The Art of Estimation

Steichen *et al.*—Improving Interdisciplinary Geoenvironmental Engineering Education through Empowerment Evaluation

Cabello et al.—Infrared Thermography as a Useful Tool to Improve Learning in Heat Transfer Subjects

Scott et al.-Learning How to Teach Continuum Biomechanics

Allada—Enhancing Engineering Education using Thematic Case Based Learning

Witt, Giralt et al.—A Competency-Based Educational Model in a Chemical Engineering School

Lee et al.—The CD Lens for Optical Engineering