

PAEE 2014 INTERNATIONAL SYMPOSIUM ON PROJECT APPROACHES IN ENGINEERING EDUCATION

Innovation for Transformation

28-29 July 2014

Universidad Pontificia Bolivariana, Medellín, Colombia

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#keynote speakers

**GLOBAL DESIGN PROJECTS:
A PROJECT-BASED APPROACH TO EDUCATE
WORLD-CLASS ENGINEERS**

Ivan E. Esparragoza
The Pennsylvania State University, USA

**HOW TO ASSESS KNOWLEDGE,
SKILLS AND COMPETENCIES
IN ENGINEERING PROJECTS?**

Bettina Dahl Sondergaard,
Aalborg University, Denmark

#workshops

**A. INTRODUCTION TO HOLISTIC COMPETENCY
DEVELOPMENT WITH LEAN ENGINEERING EDUCATION**

Anabela C. Alves,
University of Minho, Portugal

**B. PLANNING A PBL EXPERIENCE USING PROJECT
MANAGEMENT CONCEPTS**

Rui M. Lima and Andromeda Menezes,
University of Minho, Portugal

C. ENGINEERING EDUCATION FOR SUSTAINABILITY

Francisco Moreira and Anabela C. Alves,
University of Minho, Portugal

Ciliana Regina Colombo,
Federal University of Rio Grande do Norte, Brazil

Natascha van Hattum-Janssen,
Saxion University of Applied Sciences, the Netherlands

