

## BCS Quality SG's 18<sup>th</sup> Annual INSPIRE 2013 conference

Education Inspires

Thursday 5 September 2013

Accepted paper (as of 27/8/2013)

Keynote Professor Liz Bacon

### Session1: Course and Curricular Design

Ethical and Professional Issues: Transcending the Obstacles to Student Engagement

**Dr Barry G Blundell FBCS and Louise Weiwei Lu**

(Auckland University of Technology, New Zealand)

Quality Improvement in an Egyptian Higher Education Institution: A Case Study

**Noha Gami** (Arab Academy for Science, Technology and Maritime Transport, Alexandria, Egypt), **Keith Phalp** and **Sheridan Jeary** (Bournemouth University)

Problem-Focused Education and Feedback Mechanisms for Re-designing a Course on Open Source and Software Quality

**Juri Valtanen and Eleni Berki** (University of Tampere, Finland),  
**Konstantinos Barlas** (National Technical University of Athens, Greece),  
**Linfeng Li** (Beijing Institute of Petrochemical Technology, Beijing, China),  
**Mirjan Merruko** (CONFORMIQ, Automated Test Design, Espoo)

Lecture, Exercise, Apply, Feedback: Turning a new LEAF in Curriculum Design and Module Delivery.

**Ian Mitchell** (Middlesex University), **Mohamed Sheriff** (University of Dammam, Saudi Arabia)

### Session 2: Assessment and Feedback

Blended Feedback: Delivery of feedback as digital audio on a computer programming unit

**Suzy Atfield-Cutts and Sheridan Jeary** (Bournemouth University)

*"Automating" the Mexican Hat Approach: Use of automation processes to speed-up formative assessment*

**Sofia Meacha<sup>1</sup>, Mark Udall, Alan Robinson** (Southampton Solent University),

### Session 3: Modes of Thought

*A View: Computational Thinking in Regard to Thinking and Problem-Solving*

**Aleksi Tiensuu**, (University of Tampere, Finland)

The Importance of Developing Critical Thinking in HE

**Maria Lemac** (Hammersmith and West London College, London)

### Section 4: Use of Technology in Education

Benefits and Challenges of Social Media in Learning: Learners' Viewpoints

**Kerstin Siakas and Errikos Siakas** (Alexander Technological Educational Institute of Thessaloniki, Greece), **Elli Georgiadou** (Middlesex University)

Attracting and Retaining Female Students in STEM programs: Are Online Programs Different?

**Karlyn A. Barilovits**, (Walden University, North Carolina, USA)

Exploring Social and Professional Issues Through Community Engagement, An Integrative Course on Ethics in Computing

**Kathleen M Kelm**, Laureate Online Education B.V., Amsterdam, The Netherlands

MOOCs: Where Technology meets Pedagogy

**Eleanor Dewar**, (The HEAD Foundation, Singapore)

MOOCs: The future for Academia, CPD and Professional Status  
**Timos Almpanis, Margaret Ross** (*Southampton Solent University*),