

## InnoEnergy Teachers conference 2018, 17 April, Santa Cruz de Tenerife

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The theme for our conference this year is “Active and engaging teaching and learning”

InnoEnergy Teachers Conference will be adjacent to the: EDUCON2018, IEEE Global Engineering Education Conference. The event will be held in Santa Cruz de Tenerife, 17-19 April. IEEE's theme is "Emerging Trends and Challenges of Engineering Education".

Our conference will be held on the 17<sup>th</sup> of April, the day before the EDUCON2018.

### Programme:

- **The Importance of a Triggering event to engage students and how that can be implemented in Blended teaching and learning**  
Norm Vaughan, Professor at the Department of Education, Mount Royal University in Calgary, Alberta, Canada\*
  - **Develop digital triggering events and courses that activate master students**
  - **Experiences from using Flipped classroom concept in combination with iSE Repository**
  - **Workshop session on how to design engaging learning experiences**
- **Teachers tool-box – Engaging examples from CFAFE**
- **A research study of the implementation of Challenge Driven Education (CDE) in InnoEnergy Master's Programmes**
- **Examples of best practices from InnoEnergy Master's School**
  - **Energy Transition needs Humanist Engineers**
  - **Digitalisation of contents and industrial involvement in teaching: two complementary ways of activating students in EMINE**

\* see information about the keynote on page 3

For details about EDUCON2018 see:  
<http://www.educon-conference.org/current/index.php>

## Agenda:

<b>09:00 – 09:15</b>	<b>Welcome and objectives of the conference</b> Henrik Svensson, EDU strategy team, InnoEnergy Anna-Karin Högfeldt, Director of Faculty Training, KTH
<b>09:15 – 10:15</b>	<b>The Importance of a Triggering event to engage students and how that can be implemented in Blended teaching and learning</b> Norm Vaughan, Professor at the Department of Education, Mount Royal University in Calgary, Alberta, Canada
<b>10:15 – 10:30</b>	<b>Coffee and reflection</b>
<b>10:30 – 11:00</b>	<b>Develop digital triggering events and courses that activate master students</b> Henrik Svensson, EDU strategy team, InnoEnergy Per Brahm, CEO, Learnify
<b>11:00 – 11:30</b>	<b>Experiences from using Flipped classroom concept in combination with iSE Repository</b> Íngrid Munné Collado, UPC
<b>11:30 – 12:15</b>	<b>Workshop session on how to design engaging learning experiences</b> Norm Vaughan, Henrik Svensson, Anna-Karin Högfeldt
<b>12:15- 13:00</b>	<b>Teachers tool-box</b> – Engaging examples from CFAFE Presented by Krzysztof Pikon, InnoEnergy
<b>13:00 – 14:00</b>	<b>Lunch</b> , courtesy of InnoEnergy Master's School
<b>14:00 – 15:30</b>	<b>A research study of the implementation of Challenge Driven Education (CDE) in InnoEnergy Master's Programmes</b> Findings and interactive feedback. Jordi Segalás & Gemma Tejedor UPC and A-K Högfeldt KTH
<b>15:30 – 16:00</b>	<b>Energy Transition needs Humanist Engineers</b> TEACHENER project: merging SSH with engineering in higher education on energy issues Lluís Batet, UPC
<b>16:00 – 16:30</b>	<b>Digitalisation of contents and industrial involvement in teaching: two complementary ways of activating students in EMINE</b> Emilie Ferrie, Grenoble INP et al
<b>16:30- 17:00</b>	<b>Summary of the day</b>

## Keynote

### **The Importance of Triggering event to engage students and how that can be implemented in Blended teaching and learning**

#### **Dr. Norm Vaughan biography**

An *educator* and *researcher* with interests in blended learning, faculty development and K to 12 schooling, Dr. Norm Vaughan is a Professor in the [Department of Education, Faculty of Health, Community, Education at Mount Royal University](#) in Calgary, Alberta, Canada.

Norm's teaching background includes graduate and undergraduate courses in educational technology, K-12 education in northern Canada, technical training in the petroleum industry, and English as a Second Language in Japan. In addition, he has been involved in several consulting projects with book publishers and higher education institutions to develop online courses and resources. He has co-authored the books [\*Teaching in Blended Learning Environments: Creating and Sustaining Communities of Inquiry\*](#) (2013) and [\*Blended Learning in Higher Education\*](#) (2008) and he has published a series of articles on blended learning and faculty development.

Norm is the Co-founder of the Blended Online Design Network (BOLD), a member of the [Community of Inquiry Research Group](#), the Associate Editor of the [\*International Journal of Mobile and Blended Learning\*](#) and he is on the Editorial Boards of the [\*International Journal of Excellence in e-Learning\*](#), [\*Canadian Journal of Learning and Technology\*](#), the [\*International Journal of E-Learning & Distance Education\*](#), the [\*Journal on Centres for Teaching & Learning\*](#), [Journal of Interactive Online Learning](#), and the [\*Learning Communities Journal\*](#).

