The use of Game Enhanced Learning (GEL) to improve student engagement.

As Seen on TV: Using broadcast media in teaching (an example from the biosciences).

Learning environments that inspire, increase engagement and improve student experience – no extra cost!

Soft – simple text-based coding for the physical world.

Diving engineering laboratories – a practical exploration of the pedagogy.

Techno-informed Curriculum Design: Challenges Faced & Lessons Learned.

Making a Mathematics Degree Work for the Workplace.

More than a building: The Education Broker Model at Liverpool’s Central Teaching Laboratory.

Towards personalised real-time feedback in a lab setting: Using IT to enhance and deepen student learning.

What drives student participation in online tutorials?

What do university students understand by academic success? What factors contribute to its attainment?

On your marks: quick but accurate grading of lab books.

Lessons learned: An application of flipped teaching in an undergraduate course.

What drives student participation in online tutorials?

Adapting Objective Structured Practical Examinations (OEPS) to examine laboratory science skills.

An evaluation of the role of assessments at Higher Education on student learning.

Employability, integral to the curriculum or an add-on?

What is the role of Flipped Learning for undergraduates in the physical world?

Lessons learned: An application of flipped teaching in an undergraduate course.

Adapting Objective Structured Practical Examinations (OEPS) to examine laboratory science skills.

An evaluation of the role of assessments at Higher Education on student learning.
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**Session 8.1**
Integrating teaching and research in the undergraduate curriculum to produce industry-ready science graduates

**Biological Sciences**

Dr Lee Byrne
Dr Chris Harvey

Canterbury Christ Church University

**Session 8.2**
Teaching Hardware Security at Southampton University: A Course Design and Evaluation

**Engineering and Materials**

Dr Janet Harrison
Professor Bill Lucas

Southampton University

**Session 8.3**
A Framework for Embedding Employability

**Computing**

Dr Basel Haidar

Stuart Norton

**Session 8.4**
Engineering Habits of Mind – what are they and how can we cultivate them?

**Engineering and Materials**

Dr Andrew Rees

**Session 8.5**
Applying dynamic teaching and learning approaches in mechanical engineering design to meet the requirements of the profession, industry and students

**Interdisciplinary**

Ms Cheryl Pitman-Bevan
Ms Chitoto Robert

**Session 8.6**
How do we teach architecture to engineering students?

**Interdisciplinary**

Dr Nicholas Freestone

**Session 8.7**
The BME attainment gap – defining the problem

**Interdisciplinary**

Dr Alex Marchant

**Session 8.8**
Statistics anxiety, self-efficacy, and computational self-concept: which are the most productive targets for potential improvements in student engagement, transitioning, and success?

**Interdisciplinary**

Dr Nicholas Freestone

**Biological Sciences**

Dr Basel Haidar

Canterbury Christ Church University

**Computing**

Dr Andrew Rees

**Engineering and Materials**

Dr Janet Harrison
Professor Bill Lucas

Southampton University

**Session 9.1**
A Decade of CABS: Reflections on the first 10 years of the Careers After Biological Sciences programme

**Biological Sciences**

Dr Chris Willmott

University of Leicester

**Session 9.2**
Empowering Students in STEM Outreach: A Team Leader Pilot Initiative

**General**

Ms Linda Davis-Sinclair

The University of Northampton

**Session 9.3**
From Satisfaction To Inspiration: Using a Lego Robot Olympiad to Engage Programmers in Collaborative Problem Solving

**Computing**

Dr Michael Scott

Robert Gordon University

**Session 9.4**
UWE BoxED: Empowering students for the ‘real world’

**Interdisciplinary**

Dr Debbie Lewis

**Session 9.5**
Distributed Learner Engagement

**Interdisciplinary**

Miss Katherine Bourne

University of the West of England

**Session 9.6**
A Black sheet- Developing and accessing group projects: Making them inspirational and promoting and rewarding wide learning-gain within the group

**Interdisciplinary**

Dr Andriani Piki

**Session 9.7**
Progressive methods for enhancing intercultural competence and employability for geography and disaster management students

**General**

Dr Nicky King

University of Exeter

**Session 9.8**
Plenary: Should there be a subject level TEF - and if so, what should it look like?

15:15 - 15:45