**Day 1**

Registration and refreshments
Welcome from Professor Sean Ryan
Head of STEM, Higher Education Academy
Conference theatre

The future of HE learning and teaching
Professor Stephanie Marsh, Chair Executive, Higher Education Academy
Conference theatre

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**Parallel sessions**

### Room 1B/C
- **Students as partners: Extremadura opportunities to enhance integrated learning and employability**
- **Developing graduate attributes through short-term international study visits**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Beth Gilmour
  - Dr Michael James Scott
  - Dr Patrick Green

### Room 1A
- **Games and Games Jars: An employability first approach to teaching programming**
  - Dr Sarah Marsham
  - Dr Séan McKeown

### Room 4A/B
- **Enhancing employability skills of Engineering students by using project-based group projects**
  - Dr Veronica Sanchez-Romaguera
  - Dr Alan Hayes
  - Dr David Bate

### Conference theatre
- **Tackling the employers' view helps students prepare for their job hunt**
  - Dr Michael James Scott

### Gallery 2
- **Embedding employability within undergraduate bioscience programmes**
  - Dr Louise Robson
  - Mr Peter Surman

### Room 2C
- **Developing STEM skills through universities and companies working together – a marriage made in heaven?**
  - Dr Sara Marsham
  - Dr Robert A. Phillips

### Gallery 3
- **Embedding professional development and reflections from undergraduate degree programmes in Environmental Science and Sustainability**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 1**

### 15:30 - 17:00

### Parallel sessions

### Room 1B/C
- **Computer anxiety is still an issue – how can we manage it?**
  - Dr Lee Williams

### Room 1A
- **Teaching programming effectively to large classes**
  - Dr Lee Williams

### Room 4A/B
- **What skills, attitudes and personal development do STEM students experience during undergraduate study?**
  - Dr Robert A. Phillips

### Conference theatre
- **Embedding professional recognition of STEM skills through engagement with The Science Council's Registered Scientist framework**
  - Dr Robert A. Phillips

### Gallery 2
- **Embedding employability – a 360 degree perspective**
  - Dr Robert A. Phillips

### Gallery 3
- **Embedding employability skills in the Biosciences**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 2**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Facilitating the year one students experience (at MSc level) using STEM assessments**
  - Dr David Bate

### Room 1A
- **What is the impact of STEM education on undergraduate students?**
  - Dr Joanne Leitch

### Room 4A/B
- **Challenges of using commercial tools in developing open learning environments for digital technologies, biological sciences and engineering education**
  - Dr Lee Williams

### Conference theatre
- **Embedding professional development and reflections from undergraduate degree programmes in Environmental Science and Sustainability**
  - Dr Robert A. Phillips

### Gallery 2
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### Gallery 3
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### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 3**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Computer anxiety is still an issue – how can we manage it?**
  - Dr Lee Williams

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  - Dr Robert A. Phillips

### Gallery 3
- **Embedding employability skills in the Biosciences**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 4**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Facilitating the year one students experience (at MSc level) using STEM assessments**
  - Dr David Bate

### Room 1A
- **What is the impact of STEM education on undergraduate students?**
  - Dr Joanne Leitch

### Room 4A/B
- **Challenges of using commercial tools in developing open learning environments for digital technologies, biological sciences and engineering education**
  - Dr Lee Williams

### Conference theatre
- **Embedding professional development and reflections from undergraduate degree programmes in Environmental Science and Sustainability**
  - Dr Robert A. Phillips

### Gallery 2
- **Embedding professional recognition of STEM skills through engagement with The Science Council's Registered Scientist framework**
  - Dr Robert A. Phillips

### Gallery 3
- **Embedding employability – a 360 degree perspective**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 5**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Facilitating the year one students experience (at MSc level) using STEM assessments**
  - Dr David Bate

### Room 1A
- **What is the impact of STEM education on undergraduate students?**
  - Dr Joanne Leitch

### Room 4A/B
- **Challenges of using commercial tools in developing open learning environments for digital technologies, biological sciences and engineering education**
  - Dr Lee Williams

### Conference theatre
- **Embedding professional development and reflections from undergraduate degree programmes in Environmental Science and Sustainability**
  - Dr Robert A. Phillips

### Gallery 2
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  - Dr Robert A. Phillips

### Gallery 3
- **Embedding employability – a 360 degree perspective**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 6**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Facilitating the year one students experience (at MSc level) using STEM assessments**
  - Dr David Bate

### Room 1A
- **What is the impact of STEM education on undergraduate students?**
  - Dr Joanne Leitch

### Room 4A/B
- **Challenges of using commercial tools in developing open learning environments for digital technologies, biological sciences and engineering education**
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### Conference theatre
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  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch
- **Day 7**

### 10:00 - 11:30

### Parallel sessions

### Room 1B/C
- **Facilitating the year one students experience (at MSc level) using STEM assessments**
  - Dr David Bate

### Room 1A
- **What is the impact of STEM education on undergraduate students?**
  - Dr Joanne Leitch

### Room 4A/B
- **Challenges of using commercial tools in developing open learning environments for digital technologies, biological sciences and engineering education**
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- **Embedding employability – a 360 degree perspective**
  - Dr Robert A. Phillips

### Refreshments
- **Parallel sessions**
- **Biological Sciences**
  - Dr Joanne Leitch
  - Dr Patrick Green

### Lunch

### Drinks reception and conference dinner