

# Conference Programme

## Monday, 25 May 2009

- 9:30 - 10:45 Registration  
10:45 - 11:00 Welcome by Dr Maria Hinfelaar, President of Limerick Institute of Technology

### Morning Session

- 11:00 - 11:30 Evaluating a Key-Skills Initiative  
*Dr Paul Robinson (Institute of Technology, Tallaght)*
- 11:30 - 12:00 Maths Skills Post Leaving Certificate  
*Teresa Bradley (Limerick Institute of Technology)*
- 12:00 - 13:00 Science, Technology, Engineering, Mathematics (STEM) Education in 2015 or Sooner?  
*Dr Lisa Bullard (North Carolina State University)*
- 13:00 - 14:00 LUNCH

### Afternoon Session A

- 14:00 - 14:30 Mathematics Learning Support  
*Dr Olivia Gill (University of Limerick)*
- 14:30 - 15:00 A Study of Progression of Year 1 Science Students  
*Liz Fahy (Limerick IT)*
- 15:00 - 15:30 TEA
- 15:30 - 16:00 Stop Grades Inflation  
*Dr Martin O'Grady (IT Tralee)*
- 16:00 - 16:30 MathCAD in Engineering Modules  
*Pat Carroll, Jim Kelly (Dublin Institute of Technology)*

### Afternoon Session B

- Building Bridges between Mathematics Educators at 2<sup>nd</sup> & 3<sup>rd</sup> Level  
*Ciaran O'Sullivan, Paul Robinson, Chris Keogh, Maggie Ryan (IT Tallaght)*
- Developing Core Skills  
*Michael Carr (DIT), Eabhnat Ni Fhloinn (Dublin City University)*
- Solve for  $x$ , when  $x$  equals learned helplessness with regard to linear and algebraic equations in the third level technical student  
*Fiona Watson (Galway/Mayo Institute of Technology)*
- Developing Independent Learning using Technology  
*Frank Doheny (Athlone Institute of Technology)*

- 16:30 - 17:00 **Discussion Groups**

## Tuesday, 26 May 2009

### Morning Session A

9:30 - 10:00 Mathematics with Applications  
*Brian Carroll (University of Limerick)*

### Morning Session B

Maths in Olympics: Same Concepts, Different Contexts  
*Dr Eabhnat Ni Fhloinn (DCU)*

10:00 - 11:00 Learning Objectives and Active Learning Approaches: Workshop 1  
*Dr Lisa Bullard*

11:00 - 11:30 TEA

11:30 - 12:30 Learning Objectives and Active Learning Approaches: Workshop 2  
*Dr Lisa Bullard*

12:30 - 13:30 LUNCH

### Afternoon Session

13:30 - 14:15 National Centre for Excellence in Mathematics and Science Teaching and Learning (NCE-MSTL)  
*Prof John O'Donoghue, Dr George McClelland (University of Limerick)*

14:15 - 14:45 The Benefits of Online and Alternative Methodologies for Students with Mathematical Weaknesses  
*Ciaran Macan Bhaird, Dr Ann O'Shea (National University of Ireland, Maynooth)*

15:00 - 15:45 Project Maths  
*Bill Lynch (National Council for Curriculum and Assessment)*

15:45 - 16:00 Closing session

16:00 TEA & FAREWELLS