



ISTA 55th ANNUAL CONFERENCE

Maynooth University

“Meitheal – Wo

Friday 7th April, 2017

Venue: – *Renehan Hall, Maynooth University and The Glenroyal Hotel*

- 17.00 – 19.00 **Registration**
- 18.30 – 19.00 **President’s reception:** Tea / coffee and biscuits.
- 19.00 – 19.15 **Welcome and official opening**
- 19.20 – 19.50 Welcome on behalf of Maynooth University
- 19.50 – 20.50 The Life and Legacy of Rev Callan,
Eoin Gill and Sheila Donegan
- 21.00 – 22.30 Buffet Supper and Music

Saturday 8th April, 2017

Venue: – *Maynooth University, New Campus*

- 8.30 – 9.15 **Registration**
- 9.15 – 10.05 **Cracking the Obesity Code**
Prof. Donal O’Shea
- 10.15 – 10.45 **Understanding the Science behind Electricity Generation**
Michael Downey/ Pearse Ahern, ESB (Electricity Supply Board)
- Stereotypes and Biases in Children’s Accounts of What a Scientist Does**
Prof. Fiona Lyddy
- Different Approaches to Conceptual Change: From Theory to Practice.**
Dr. Nikolaos Fotou
- TeachMeet (ICT and Science)**
Share Practices and get updates on Educational Technologies
- 10.45 – 11.00 *Tea/Coffee*
- 11.00 – 11.50 *Plenary Lecture*
Education on a Mission
Dr Marc Ó Gríofa, SFI
- 12.00 – 13.00 *Workshop Sessions 1*
Earth and Space/Nature of Science (Part 1)
Donal Ó Laoire, SFI
- Real Graphs from Real Data**
Stuart Farmer
- Talking Science, Thinking Science using Concept Cartoons**
Stuart Naylor
- The Science on Stage Team - Festival 2017 Project Ideas**
Science on Stage 2017 Team
- Science Projects – Getting Started**
Sheila Porter and Dr. Lisa Darley
- Junior Cycle Science – Learning Outcomes in Action**
Junior Cycle for Teachers (JCT) Support Service
- Fun Chemistry Demonstrations for all**
Chemistry Department, Maynooth University
- Amgen Biotech Experience workshop**
Dr. Robert Schwamborn
- STEAM in the Classroom**
Science Gallery Dublin led by Dr. Mairéad Hurley

CONFERENCE 7th – 9th APRIL 2017

& the Glenroyal Hotel

“Working Together”



MAIN CONFERENCE PROGRAMME

- 13.00 – 13.40 *Lunch*
- 13.40 – 14.30 *Workshop Sessions 2*
- Earth and Space/Nature of Science (Part 2)
Donal Ó Laoire, SFI
RSC Learn Chemistry Resources
Dr. John O'Donoghue, RSC Education Coordinator
Amgen Biotech Experience workshop
Dr. Robert Schwamborn
Teaching Inquiry using Mysteries: The TEMI Approach
Dr Peter Childs and Laurie Ryan
Workshop on Leaving Certificate Chemistry practicals
Dr. Ken Maddock
Perimeter Institute Resources for TY: GPS and Relativity
Stuart Farmer and Paul Nugent
Getting a Great Reaction!
Graham Hewston
“Let’s zoom in”
David Keenahan
Magic and Science: The use of magic illusions to enhance science lessons. **Adrian Allan**
- 14.50 – 15.35 *Plenary Lecture*
- Forensic Pathology
Dr. Marie Cassidy (State Pathologist)
- 15.50 – 16.20 *Parallel Lectures*
- Variety is the spice of Life Science
Dr. Richard Spencer
Student-Led Learning in the Practical Laboratory
Dr. Shane Bergin
Understanding the Science behind Electricity Generation
Michael Downey/ Pearse Ahern, ESB (Electricity Supply Board)
- 16.30 – 17.15 *Plenary Lecture*
- Climate Change: Education’s New Integrator
Prof. John Sweeney, Maynooth University
- 17.15 – 18.00 *AGM*
- 19.30 – 20.00 *President’s reception (Glenroyal Hotel)*
- 20.00 – 22.00 *Gala Dinner (Glenroyal Hotel)*

Sunday 9th April, 2017

Venue: – The Glenroyal Hotel, Maynooth

- 10.00 – 11.00 *Sparking Creative Thinking through Storylines and Imagineering*
Dr Alan McCormack, USA
- 11.10 – 11.40 *Tea/Coffee*
- 11.45 – 12.45 *HPV vaccine - Separating Fact from Fiction*
Dr. Brenda Corcoran, Director, HSE National Immunology Office

