

ERI Research Open Day, Wednesday, December 15th, 14.00-17.00
Devere Hall, UCC

Programme

- 14:00** **Welcome by Professor Alan Dobson, ERI Director**
Opening by Professor Pat Fitzpatrick, Head of College of Science,
Engineering and Food Science
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- 14:10** **Environment and Health**
Chair: Dr. John Wenger
- Dave O'Connor – Department of Chemistry/ERI**
"Real-Time spectroscopic measurements of Primary Biological Aerosol Particles in field and the laboratory environments"
- Barbara Dorr, School of Biological, Earth & Environmental Sciences (BEES)/ERI**
"Toxicokinetics and biochemical toxicology of marine biotoxins"
- John McNally – Faculty of Law/ERI**
"Environmental Information and the Financial Markets"
- Maria Kirrane, School of Biological, Earth & Environmental Sciences (BEES)/ERI**
"Defensive behaviour of the Dark European Honey bee against the introduced parasitic mite *Varroa destructor*"
- Ciar O' Toole, School of Biological, Earth & Environmental Sciences (BEES)/AFDC/ERI**
"Determining the scale of biologically important local adaptation in Atlantic salmon using a common garden experimental approach"
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- 15:30** **Poster Session (Coffee/Tea Break)**
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- 16:00** **Energy, Clean Technology and Climate Change**
Chair: Dr. Jerry Murphy
- Hannah Daly, Department of Civil and Environmental Engineering/ERI**
"Car of the Future"
- Stephan Gray, Coastal and Marine Resources Centre/ERI**
"Visualisation and its potential for influencing perceptions of the impacts of Climate Change"
- Julien Cretel, Hydraulics and Maritime Research Centre/ERI**
"Ocean wave energy: why and how?"
- Billy Ryan, Department of Microbiology/ERI**
"Increased biodegradable plastic production in *Pseudomonas putida* CA-3 using genetic engineering approaches"
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- 17:00** **Closing remarks and presentation of prize for best PhD oral presentation**
followed by a Christmas reception

A prize will be awarded to the best PhD oral presentation (judged by Professor William Reville, Department of Biochemistry).