



**Chartered Institution of Building Services
Engineers (Rof I Region) Masterclass - 2015**
16th April 2015 – Ash/Cusack Suites, Croke Park
Conference Centre, Dublin



Time Title

12.45 Registration and Lunch/Networking

Energy & Environmental

- 13.45 Session Introduction
- 13.50 European Energy Legislation
- 14.05 New Energy Regulations and Schools
- 14.20 Renewable Technologies
- 14.35 Sustainable approach at the new Lexclon Library, Dun Laoghaire
- 14.50 LEED/BREEAM used in Ireland
- 15.05 Q&A/Debate

15.25 Coffee/Networking

New Design & Construction Practices

- 15.40 Session Introduction
- 15.45 Advantages of BIM over Standard Practices
- 16.00 Off Site Fabrication using LEAN
- 16.15 New Lighting Design Approaches
- 16.30 Phase Change Material Energy Storage
- 16.50 Q&A/Debate

17.00 Event Ends

Speaker

- David Doherty, vice Chair CIBSE Ireland
- David McAuley, SEAI
- John Dolan, Dept. Of Education & Skills
- Paul Kane, Technical Manager Heat Merchants
- Paul McGrath, Associate at Arup

- Sean Hogan, Associate at RKD

- Keith Sunderland, Assist. Head of School, DIT
- Colin Conway, DIT
- Colin Keane, Mercury Engineering
- James Duff, Arup
- Mick McKeever, DIT

CIBSE



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Application Form

Name

Company

Address

e-mail

Telephone

CIBSE No. (if
applicable)

Cost

Members

Free

Non members

€30

**Please return completed forms, accompanied by a cheque for the appropriate
amount made payable to CIBSE (ROI) Branch, to:**

Sean Dowd, c/o Dowd Energy & Eng. Ltd., Burnaby Downs, Greystones, Co. Wicklow

sean@dowdenergy.com



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Speaker Biographies



Sean Hogan, Associate at RKD

Sean Hogan is a graduate of Cork Institute of Technology and a qualified BREEAM AP, LEED AP (Accredited Professional) for Building Design and Construction. Since joining RKD Sean has gained extensive architectural experience on a variety of major projects including large-scale office and industrial developments, education and healthcare projects.



James Duff, Arup

James is a lighting designer at Arup, a part-time PhD student at the Dublin Institute of Technology and also a guest lecturer of Daylighting and Lighting Design at the Dublin Institute of Technology. As a designer, his main interest is pushing a truly holistic approach to lighting design. Designing first for the maximisation and optimisation of daylight and then for supplementary lighting. As a researcher, he investigates perceptions of brightness under varying lighting conditions and surface properties.



Colin Conway, DIT

Colin has been lecturing in DIT for over 10 years in areas such as Electrical Services Engineering, Building Services Engineering, Energy Management, Sustainable Building Design and more recently BIM. He is leading the transition to BIM in Electrical Services Engineering in DIT and is part of a Multidisciplinary BIM team teaching on the new MSc in BIM delivered in DIT Bolton St



Dr. Mick McKeever, DIT

Dr. Mick Mc Keever has been a lecturer in the Faculty of Engineering and Build Environment in DIT for over 15 years. His qualifications include an undergraduate honours degree in Engineering from DIT, a research Master's Degree from the Department of Mechanical Engineering in Trinity College Dublin and a PhD degree in Thermal Process Pilot Plant design from DIT.



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Speaker Biographies (cont'd.)



David McAuley, SEAI

David is a mechanical engineer with experience of industrial facilities and energy policy. He spent the past five years co-ordinating energy technology research at Irish and EU levels, developing SEAI's Energy Research Portal, and as National Delegate to the EU FP7 Research programme. David has overall responsibility within SEAI for delivery of the Energy Efficiency Directive, and currently runs SEAI's Large Industry Energy Network and Energy Agreements Programmes.



Paul Kane, Heatmerchants Group

Paul Kane is Technical Support / Design Manager for heat Merchants Group with responsibility for providing design and technical support. Paul is a Mechanical Engineer with over 8 years experience in the industry. Paul has extensive experience in heating system design, heating system specification and distribution system design for both domestic and commercial applications with specific focus on renewable technology.



Colin Keane, Mercury Engineering

Colin is a Projects Engineer with Mercury Engineering involved in various projects across Europe. Colin holds a Bachelor of Engineering Technology in Building Services Engineering from DIT and Bachelor of Engineering from Glasgow Caledonian University. For the last 18 months Colin has pioneered the implementation of offsite building services fabrication to leverage the information from BIM to achieve efficiencies over traditional construction process and is published in this field.



John Dolan, Department of Education & Skills

John Dolan is a Chartered Engineer working as a Senior Engineer with the Planning & Building Unit, Department of Education & Skills located in Tullamore. He also is the Energy Programme Coordinator for the Departments Energy Research and Demonstration Programme and the Energy Advisor and Policy Coordinator within the Department on general energy policy. He also has responsibility for the Building Services Engineering aspects on Primary and Post Primary Capital Projects in the southern region of the country and the rapid and major capital devolved projects nationally