Speakers & Topics

**PROF. BRIAN CAULFIELD**
Director Insight, UCD
Wearables - Can we make any real use of them?

**PROF. NIAL FRIEL**
Principal Investigator Insight, UCD
Bayesian statistics: a short walk through probabilistic statistical modelling and inference

**PROF. BRENDAN MURPHY**
Funded Investigator Insight, UCD
Data Clustering: Techniques and Applications

**DR. DEREK GREENE**
Funded Investigator Insight, UCD
Text mining, covering text pre-processing, text classification, sentiment analysis, topic modeling & document clustering

**DR. BRIAN MAC NAMEE**
Funded Investigator Insight, UCD
Machine Learning for Predictive Analytics.

**PROF. TAHAR KECHADI**
Funded Investigator Insight, UCD
Mining real-world data: mistakes you must avoid and how to perform large scale data mining.

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**Insight**
Centre for Data Analytics

Empowering Citizens.
Smarter Societies.

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About the Masterclasses

Insight is pleased to offer a Masterclass lecture series to our colleagues in industry. These are short, focused presentations of between 30 and 40 minutes offered by Insight’s leading researchers and scientists. These can be given as a bundle (with one, two or three presentations bundled together making up a 2-hour session), or as single presentations. The Masterclasses can form part of a company event such as an away day, or can be an in-house activity like a breakfast briefing, brown bag lunch, technical afternoon session or whatever suits a company. Masterclasses are part of Insight’s company outreach activities and there is no fee or expense policy for this.

Speakers & Topics

**PROF. ALAN SMEATON**
Director Insight, DCU
Automatic analysis of visual media (image and video), using machine learning for automatic description and captioning of images.

**PROF. NOEL O’CONNOR**
Principal Investigator Insight, DCU
Human movement and activity understanding from wearables and instrumented environments.

**DR. CATHAL GURRIN**
Principal Investigator Insight, DCU
Lifelogging, experiences from a decade of recording the self. Digital recording/logging of day-to-day activities.

**DR. SUZANNE LITTLE**
Lecturer Insight, DCU
Smart Cities/IoT Overview; Data Visualisation (Hall of Shame/Hall of Fame); security; data capture; multimedia content analysis.

**DR. ANDREW MCCARREN**
Lecturer Insight, DCU
How can we use Data Analytics to improve performance in the Agri and Food Sector.

**DR. MARK ROANTREE**
Funded Investigator Insight, DCU
Practical Data Warehousing Design.

**DR. MARKUS HELFERT**
Lecturer Insight, DCU
Managing Data Quality.

**DR. KEVIN MCGUINNESS**
Investigator Insight, DCU
Deep learning for image and video understanding and gaming.

**DR. CONOR HAYES**
Principal Investigator Insight, NUIG
Web Mining: graph and network analytic approaches to extracting information from the Web.

**DR. PAUL BUITELAAR**
Principal Investigator Insight, NUIG
Natural Language Processing, specifically semantic-based approaches.

**PROF. BARRY O’SULLIVAN**
Director Insight, UCC
Artificial Intelligence for specific applications.

**DR. HELMUT SIMONIS**
Senior Research Fellow Insight, UCC
Constraint Programming: What is it and what is it good for?

**DR. DEREK BRIDGE**
Funded Investigator Insight, UCC
Explanations in recommender systems (the ‘right to an explanation’), and beyond-accuracy in recommender systems.

**DR. LUIS QUESADA**
Research Support Officer Insight, UCC
Challenges and techniques associated with optimising the design of networks.

Contact us

If you or your company are interested in discussing availability of speakers then please contact
Masterclasses@Insight-Centre.org

More information at
http://www.insight-centre.org/masterclasses