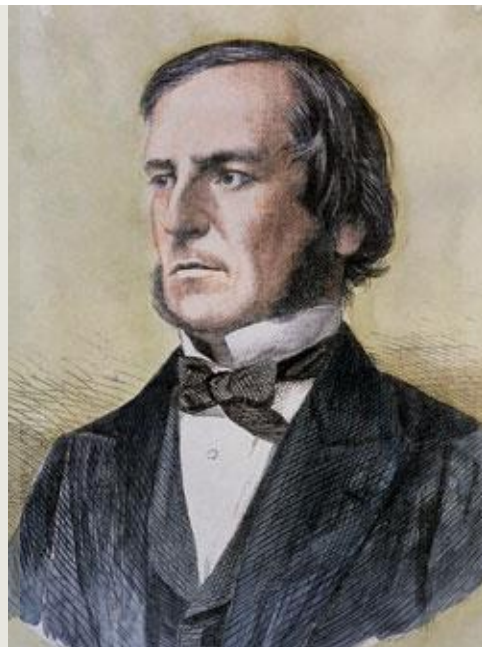


*“How George Boole’s legacy enables the Information Society and is central to better data for better lives.”*

**Date: Tuesday, 20 October 2015**

**Time: 6.30 p.m.**

**Venue: ECOSOC Chamber, UNHQ**



## INVITATION

**The Permanent Mission of Ireland to the United Nations and University College Cork invite you to a Panel Discussion on issues related to WSIS**

**Topics include:**

**The Life and Legacy of George Boole  
ICT for Development  
Big Data for Development  
Big Data and Human Rights**

The discussion will be preceded by a screening of a [documentary](#) on George Boole at **5pm in Conference Room 12.**

The discussion will be followed by a reception at the Permanent Mission of Ireland, 885 2<sup>nd</sup> Ave, Floor 19, bet 47<sup>th</sup> & 48<sup>th</sup> Sts.

*If you require access to the UN Grounds, please contact [Anne.Kane@dfa.ie](mailto:Anne.Kane@dfa.ie) by 19 October*

**GEORGE  
BOOLE\***  
200



Buan-Ionad na hÉireann  
chun na Náisiún Aontaithe

Permanent Mission of Ireland  
to the United Nations



**UCC**

University College Cork, Ireland  
Coláiste na hOllscoile Corcaigh



**WORLD  
STATISTICS  
DAY**  
20.10.2015  
BETTER DATA.  
BETTER LIVES.

**“How George Boole’s legacy enables the Information Society and is central to better data for better lives”**

**Date: Tuesday, October 20th, 2015 at 6.30pm**

**Venue: EcoSoc Chamber UNHQ**

**Concept Note**

The coincidence of the [Boole bicentenary](#), the celebration of [World Statistics Day](#) and the on-going preparations for the High-level Event marking the 10<sup>th</sup> anniversary of the [World Summit on the Information Society](#) offers a great opportunity to consider how mathematical developments of the 19<sup>th</sup> century underpin the potential offered by ICT and data in supporting sustainable development in the 21<sup>st</sup> century.

As well as acknowledging the historical contribution made by George Boole to today’s digital revolution, the panel discussion will showcase some far-reaching applications that are possible here and now and outline the potential that data and ICT offers.

Beyond technology and computer science, the discussion will also consider some of the ethical, social, legal and political issues surrounding ICT and data that the international community must grapple with to ensure that the potential of technology is realised and that Boole’s legacy delivers benefits to everybody.

As a background, [the discussion paper](#) that was produced by the co-facilitators of the High-Level Event to mark the 10<sup>th</sup> anniversary of the World Summit of the Information Society has been a very helpful guide to structuring the discussion.

**Programme**

- **Welcome and Introduction**  
H.E. David Donoghue, Permanent Representative of Ireland to the UN
- **The Life and Legacy of Professor George Boole**  
Dr Michael B. Murphy, President of University College Cork
- **ICT for Development – how analytics help**  
Prof. Barry O’Sullivan, Director of the Insight Centre for Data Analytics, UCC
- **Big Data for Development – opportunities, safeguards and impediments**  
Anoush Rima Tatevossian, Strategic Communications Officer, UN Global Pulse
- **Big Data and Human Rights**  
Prof. Maeve McDonagh, academic lawyer specialising in information law
- **Q&A**

## Speaker Profiles

### Dr. Michael B. Murphy, President, University College Cork

Michael B. Murphy is the 14<sup>th</sup> President of the University College Cork. Following graduation, Professor Murphy undertook doctoral research at the Royal Postgraduate Medical School (now Imperial College, London) and returned to Ireland in 1992 from the University of Chicago as Professor of Clinical Pharmacology and Therapeutics at University College Cork. Professor Murphy has authored over 100 original articles on the prevention and therapeutic management of risk factors for cardiovascular disease and is former Chairman of the Health Research Board of Ireland. He is currently a member of Council of the European Universities Association.

### Professor Barry O'Sullivan, Department of Computer Science, University College Cork

Professor Barry O'Sullivan is the Director of the Insight Centre for Data Analytics at University College Cork, and leads the centre's research group on optimisation and decision analytics. Professor O'Sullivan is a Fellow and board member of the European Coordinating Committee for Artificial Intelligence and a Senior Member of the Association for the Advancement of Artificial Intelligence. Professor O'Sullivan has been involved in winning more than €140 million in research funding. He is very active in the field of analytics for sustainability and serves on the editorial board of a number of international journals.

### Professor Maeve McDonagh, School of Law, University College Cork

Professor Maeve McDonagh is an academic lawyer specialising in information law. She is author of *Freedom of Information Law* and *Cyber Law* (with M. O'Dowd). She has advised on the drafting and implementation of Freedom of Information legislation in a range of jurisdictions and was appointed to the Independent Appeals Panel on access to information of the Asian Development Bank. In 2013, she was appointed by the Irish government to the FOI Implementation Review Group. She is a former Deputy Chair of the Press Council of Ireland and is currently a member of the board of the Broadcasting Authority of Ireland.

### Anoush Rima Tatevossian, Strategic Communications Director, UN Global Pulse

Anoush Rima Tatevossian leads Strategic Partnerships and Communications for UN Global Pulse. Global Pulse is an innovation initiative of the UN Secretary-General, which focuses on leveraging the opportunities afforded by big data and real-time analytics for global development and resilience through its network of "Pulse Labs." Previously, she has worked as Partnerships Manager at MobileActive - a community of practitioners utilizing mobile technology for development. She holds a Bachelor's in Government from the College of William & Mary, and a Master's Degree in Public Diplomacy from the USC Annenberg School.