

EGA Corporate Members



The Changing Face of Engineering

Led By  
**Dr Dervilla Mitchell**  
Chair of UKMEA ARUP



Website: <http://www.ucd.ie/ega>

Twitter: [twitter.com/UCD\\_EGA](https://twitter.com/UCD_EGA)

LinkedIn: <http://www.linkedin.com/groups/45972>

Thursday, 19<sup>th</sup> April 2018 at 6:30pm

Theatre 326,  
UCD Engineering & Materials Science Centre, Belfield

Chaired by EGA President, John Power



## UCD Engineering Graduates Association

The UCD Engineering Graduates Association (EGA) was established in 1983, with objectives including the provision of a networking forum for graduates, promoting their interest and fostering links between industry and UCD through placements and research.

Our principal aim is to support and assist UCD Engineering to be a world-class centre for the teaching and learning of the art, science, and practice of Engineering. We also support our graduates as they continue to help drive national economic and sustainable development through enterprise, research, and innovation.

Mr John Power, EGA President and Prof David FitzPatrick, UCD Dean of Engineering are delighted to welcome you to this year's Spring Lecture led by Dr Dervilla Mitchell, Chair of UKMEA ARUP, in conjunction with Dr Francesco Pilla, UCD School of Architecture, Planning and Environmental Policy.



*John Power,  
EGA President*



*Prof David FitzPatrick,  
UCD Dean of Engineering*

# ARUP

## The event is kindly sponsored by the Arup Ireland Trust

The Trust was set up over 40 years ago to honour the legacy of Ove Arup and his keen interest in education. The remit of the Trust is to promote engineering education in all its aspects. It supports a wide range of activities including engineering departments in Third Level Institutions, student bursaries, Engineers Ireland, Irish Academy of Engineers, Royal Irish Academy and the Irish Architectural Foundation. It has a particular interest in promoting STEM subjects, contributing to the STEPS, STEAM and iWish initiatives.

It recently linked up with the Irish branch of Engineers Without Borders to support EWB activity in various regions overseas. It encourages the staff of Arup to get involved in the different projects it supports.

If you would like more information on the Trust, you can contact [jerry.mehigan@arup.com](mailto:jerry.mehigan@arup.com).



*Sir Ove Arup*

### **Dr Dervilla Mitchell – Chair of UKMEA ARUP** **The Changing Face of Engineering**

Dervilla is Chair of the UK, Middle East and Africa Region and a member of the Global Board of Arup, an independent firm of designers, planners, consultants and technical specialists.

Trained as a civil engineer she has worked in the UK, US and Ireland on a wide range of building projects including Portcullis House Westminster, Terminal 5 Heathrow, Athletes Village 2012 and Abu Dhabi Midfield Terminal.

She is a Fellow of Engineers Ireland, the Institution of Civil Engineers and the Royal Academy of Engineering where she currently chairs the Diversity & Inclusion Committee. She is a member of the Council for Science and Technology which advises the Prime Minister on science and technology policy issues. She was awarded a CBE for services to engineering in 2014 and received an honorary doctorate from University College Dublin in 2016.



### **Dr Francesco Pilla – UCD School of Architecture, Planning and Environmental Policy** **Citizen centred smart cities: towards more sustainable policies**

Dr Pilla is a Lecturer in Smart Cities and Urban Planning in the School of Architecture, Planning and Environmental Policy. His focus area of work is Smart Cities, specifically the deployment of pervasive network of low cost sensors and geospatial models to gain a better understanding of the spatial dynamics in cities.

He has been active in environmental analysis research for 13 years, and to date, has attracted around €10 Million in research funding from International and National funding sources. He is the coordinator of a number of European funded projects focusing on air pollution and nature based solutions. His work focuses on understanding complex environmental phenomena in order to pre-empt the impacts resulting from interactions between the human population and the urban environment. Dr Pilla has acquired considerable experience in pervasive networks of low-cost sensors for urban environmental monitoring during his collaborations with IBM, MIT and his PhD (2011) research work.



## EGA Alumni Membership



When you graduated from UCD Engineering, you immediately became a part of a special Engineering Alumni group, the UCD Engineering Graduates Association. You have a lifelong link to UCD Engineering and can avail of all the advantages and opportunities that this brings, including regular events and reunions on campus.

For an annual fee of just €30.00 you can support the EGA's activities and enjoy a range of benefits. Visit [alumni.ucd.ie/librarycard](http://alumni.ucd.ie/librarycard) for more information on the benefits associated with membership which include:

- **Reader's Card:** Access to all of UCD's Libraries while on Campus
- **UCD Sport Centre:** An Alumni rate with UCD Sport & Fitness which houses the new 50m Olympic-size swimming pool, tepidarium and state-of-the-art gymnasium.
- **UCD Affinity MasterCard:** This is designed exclusively for Alumni, Donors and Friends & Staff of UCD.
- **UCD Connections:** You will receive a copy of the annual Alumni magazine which has served as a popular communication vehicle between the University and it's Alumni.
- **Adult Education Courses:** Discount on courses run by the Adult Education Centre – Auditing a Course; Access Courses; Outreach Courses.

## 'Brexit; Engineering a Cross-Border Solution'

As part of our UCD Engineering Nationwide series, the UCD Engineering Graduates Association (EGA) are travelling to Belfast to meet our corporate partners. The theme of this year's event is '*Brexit; Engineering a Cross-Border Solution*'.

**Date:** Friday, 18th May 2018

**Organisers:** UCD Engineering Graduates Association

**Timing:** Breakfast Session 7:30am – 9:30am

**Location:** Malone Lodge Hotel, Belfast

### Event Objective:

To facilitate a space which will enable our corporate partners to engage and connect with each other and with experts in the academic, engineering, business and political fields on an issue which affects everyone, North and South of the border; the potential impact of Brexit on Engineering Firms based in the Republic of Ireland and Northern Ireland.

Engineers are renowned for being able to turn problems into solutions. The EGA recognises that an Engineering Degree is a passport for life and our students, graduates and corporate partners should know no borders. The EGA wants to meet our corporate partners, listen to the issues that they may be facing in a post-Brexit world and see how, by working together, we can come up with a solution. For more information contact [ega@ucd.ie](mailto:ega@ucd.ie).

We look forward to meeting you in May.

