

NATIONAL WOMEN IN ENGINEERING DAY – 23 JUNE 2015 - REPORT

The University of Manchester celebrated National Women in Engineering Day (NWED) by highlighting some inspirational female engineers who are standing out from the crowd and promoting their profession.

In 2014 the Women's Engineering Society celebrated their 95th anniversary as a charity supporting women in engineering and launched the first ever National Women in Engineering Day. The aim of National Women in Engineering Day is to support women achieve their potential as engineers, applied scientists and leaders; and to encourage the study and application of engineering.

The Faculty of Engineering and Physical Sciences celebrated the day with an event at the National Football Museum in Manchester. Professor Danielle George kicked off with a keynote speech where she spoke candidly about her career, the challenges she has faced and managing the demands in her life. The Project Manager and two female engineers from Morgan Sindall and Network Rail also spoke about their involvement in the redevelopment of Manchester Victoria Train Station and gave a technical tour of the iconic building.

Our structured networking session enabled students and research staff to meet with leading women in the field of academia and industry. Twenty contributors from companies including Aecom, Amey, Cargill, Cummins, Mondelez International, Mott MacDonald, Unilever and Waters inspired a group of 28 delegates from the University – including postgraduates, undergraduates and research staff.



Figure 1 Photo of all part taking in event at the National Football Museum

OUR CONTRIBUTORS

- Each of the contributors took part in the structured networking session where they spoke openly about their experience as a woman in STEM. They shared information about their career so far, gave advice about how they juggle home/work responsibilities, and offered hints/tips to about how they overcame challenges they faced. All contributors featured in our NWED Welcome Pack where you can read their biographies. ***The NWED2015 Welcome Pack can be [downloaded here](#).***

KEYNOTE ADDRESS – PROFESSOR DANIELLE GEORGE, PROFESSOR OF RADIO FREQUENCY ENGINEERING, SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING, AND ASSOCIATE DEAN FOR TEACHING AND LEARNING



Inspirational role-model talk about research and journey in academia, discussing challenges faced and offering hints/tips on how to be a successful woman in STEM.

Danielle spoke openly about her three P's of 2014; **P**romotion, **P**regnancy, and **P**resenting the Royal Institution Christmas Lectures. She also explained how she was looking forward to the three F's for 2015; **F**amily, **F**aculty and **F**acilitate (supporting public engagement activity).

Figure 2 Professor Danielle George

Read more about Danielle and her research here:

<http://www.eee.manchester.ac.uk/people/staff-spotlights/danielle-george/>

TECHNICAL PRESENTATION AND TOURS OF MANCHESTER VICTORIA STATION

- **Faisal Farooq**, Project Manager for Manchester Victoria Redevelopment, Network Rail
- **Caroline Griffin**, Section Engineer, Morgan Sindall
- **Suzanne Prieditis**, Assistant Asset Engineer, Network Rail



Figure 3: The Manchester Victoria Station Redevelopment Team

NETWORKING CONTRIBUTORS: INDUSTRIALISTS, CONSULTANTS AND EXTERNAL STAKEHOLDERS

- Mariana Asinari, Principal Structural Analyst, **Mott MacDonald**
- Sarah Beck, Civil Engineer, **Amey**
- Claire-Marie Boggiano, Director **Lurig Ltd**
- Lisa Bradley, CEng MIMMM, Site Manager at **3M** and UK&I Energy Infrastructure Programme Leader
- Marie Cahill, Engineering Project Manager, **Waters Corporation**
- Sarah T Galbraith, Director, **The Galbraith Muir Consultancy Ltd**
- Jennifer Grant, Principal Engineer, **Mott MacDonald**
- Lorena Garcia Fernandez, Product Engineer, **Cummins Turbo Technologies**
- Jennie Harrison, Civil Engineer, **AECOM**
- Julie Harrison, Technical Functional Excellence Leader, **Cummins Turbo Technologies**
- Kirsty Harrison, Refinery Supervisor, **Cargill**
- Shijie Liang, Applications Engineer, **Industrial Tomography Systems plc**
- Elizabeth Rickard, **Highwire Safety Engineers** and STEM Ambassador for the Women in Engineering Society
- Vicky Riding, Research Scientist, **Unilever** & Visiting Academic (University of Manchester)
- Bryony Robinson, Process Development Engineer, **Mondelez International**

NETWORKING CONTRIBUTORS: UNIVERSITY OF MANCHESTER ACADEMICS AND TECHNICIANS

- Liz Davenport, Experimental Officer, School of Chemical Engineering and Analytical Science (**CEAS**)
- Melissa Denecke, **Dalton Nuclear Institute**
- Helen Dobson, Lecturer, School of Mechanical, Aerospace and Civil Engineering (**MACE**)
- Flor Siperstein, Reader (**CEAS**)
- Rossmay Villegas, Lecturer (**CEAS**)

UNIVERSITY OF MANCHESTER ENGINEERING AND PHYSICAL SCIENCES (EPS) SUPPORTING OFFICERS

- Daniele Atkinson, EPS Social Responsibility Manager
- Rosie Haynes, EPS Alumni Officer
- Zabina Kosar-Ahmed, EPS Social Responsibility Manager
- Rachel Mutters, EPS Careers Manager
- Christine Twigg, EPS External Relations

Please see our [Welcome Pack](#) for more information about the Women's Engineering Society (WES), national statistics for women in engineering and the University's statistics.