



Engineering Inspiration: 6th Annual WES Student Conference

14-15 November 2014

Aston University Conference Centre, Birmingham



Welcome

We'd like to extend a warm welcome to Engineering Inspiration 2014, the sixth WES student conference. The WES student conference was set up in 2009, as part of the WES 90th anniversary, with part of the legacy money from Doris Gray, a lifelong WES member and supporter who had been a biochemist but had always wanted to be an engineer. Doris' legacy was to inspire women to become engineers in Scotland. Her initial legacy, through the student conference now reaches much further.

The event returns to Aston for the third time with representatives from 27 universities, 108 students attending and over 37 presenters covering 15 topics.

Sponsorship has grown this year with 2 event partners, BAE Systems and Selex ES and 7 sponsors (Aston University, BP, Department of Energy and Climate Change, Finning, Instron, Malvern and P&G) supporting bursaries and tables at the dinner. We're indebted to the sponsors for bringing a diversity of professional engineers to meet and chat with women engineering students.

The focus for the event is undoubtedly talented technical women, but we deliberately invite a mix of male and female speakers, producing a lively programme with a good balance of technical talks, personal development workshops and time for networking and discussing important issues such as attracting and retaining women in engineering and allied sciences.

We hope that you have an inspiring time, whether joining us as a speaker, sponsor or engineer.

Your event Co-Chairs

Jan Peters and *Carol Marsh*

Friday 14 November

11.00 - 11.40 11.50 - 12.30	Lab tours at Aston University School of Engineering and Applied Science: European Bioenergy Research Institute Lab (EBRI) – guides Clara Serrano and Nahid Awad Aston Interactive Media Lab (AIM Lab) – guides Victoria Lush and Lilit Hakobyan		
12.30 - 1.30	Registration and coffee (lunch is not provided today)		
1.30 - 3.00	Welcome & keynote address Room: CR1 Carol Marsh, WES President Alison Hodge, Aston University Engineering & Applied Science Allan Cook, Selex ES		
3.00 - 3.30	Refreshments		
3.30 - 4.30	Parallel panel sessions:		
	Energy management & storage Room: CR1(B) Stephanie Merry, Focus Offshore Ltd Yasmin Ali, E.On Cathy Fraser, National Grid	Innovation & creativity in engineering Room: CR1(C) Nazish Aslam, ForWhereiAm Janice Turner, Chemring Sensors & Electronics Claire Howell, Aston University Business School	Aerospace & defence Room: 123 Kam Perry, Selex ES Fiona Lewinton, Qinetiq Heather Parkes, AWE
4.30 - 5.30	Women engineers and their careers Room: CR1 Freda Muyambo, Transport for London Dani Strickland, Aston University Patricia Johnson, Arup		
6.45 - 7.30	Structured networking, dinner and entertainment		

Saturday 15 November

9.30 - 10.30	Welcome back & keynote address <i>Dr Jan Peters, WES</i> <i>Kim Pamplin, PG</i> <i>Dr Gemma Whatling, Cardiff University</i>			
10.30 - 11.00	Refreshments			
11.00 - 12.30	Parallel career confidence workshops:			
	Critical thinking Room: CR1(B) <i>Jacqui Hogan, Cocreative Ltd</i>	Women of power & substance in the workplace Room: CR1(C) <i>Arpinder Bansi, Kaur Values Associates</i>	Communicating your specialism Room: 123 <i>Rhys Phillips, EADS</i> <i>Jon Wood, Science Presenter</i>	Personal presence: communicating with impact Room: 145 <i>David Hall, Executive coach</i>
12.30 - 1.30	Lunch, WES Student Groups meeting			
1.30 - 3.00	Parallel career confidence workshops:			
	Chartered chemical engineer status Room: CR1 (B) <i>Victoria Batchelor, IChemE</i>	Women of power & substance in the workplace Room: CR1 (C) <i>Arpinder Bansi, Kaur Values Associates</i>	Communicating your specialism Room: 123 <i>Rhys Phillips, EADS</i> <i>Jon Wood, Science Presenter</i>	Personal presence: communicating with impact Room: 145 <i>David Hall, Executive coach</i>
3.00 - 3.30	Refreshments			
3.30 - 4.30	Parallel panel sessions:			
	Bioengineering & biotechnology Room: CR1(B) <i>Jenna Stevens-Smith, Imperial College London</i> <i>Gemma Whatling, Cardiff University</i> <i>Naomi Green, Birmingham University</i>	Robotics and autonomous systems Room: CR1(C) <i>Dan Hook, AVS Global</i> <i>Katie Taheny, Selex ES</i> <i>Myra Wilson, Aberystwyth University</i>	Manufacturing Room: 123 <i>Nicole Jackson, Jaguar Land Rover</i> <i>Siân James, Mabey Fenchi</i> <i>Arquissandas, Mondelez</i>	Infrastructure projects Room: 145 <i>Ekpes Akpanudoh, Arup</i> <i>Jacqui Murray, Natural Resources Wales</i> <i>Jennie Boyd, Highways Agency</i>
4.30 - 5.00	Conclusions <i>Jan Peters, WES</i> <i>Carol Marsh, WES President</i>			