

Impact Assessment of National Women in Engineering Day 2014



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Table of Contents

Table of Contents	2
Background	3
Events	3
Twitter	6
Website Traffic	6
Daily Newspapers that carried stories about National Women in Engineering Day as well as mentioning Young Woman Engineer	7
Other Newspaper and Journal Articles	10
Blogs	13
Websites	17
Some Feedback on the Events of the Day	22

Background

National Women in Engineering Day was launched for the first time on 23 June 2014 by the Women's Engineering Society to celebrate its 95th anniversary.

Over 80 organisations held events on this day, not including individual schools. Over 250 NWED Resource Packs were sent out to schools in the UK, and others will have been downloaded from the event website, as we encouraged schools to do where possible.

A dedicated website was set up, which can be seen at www.nwed.org.uk. Further details about the impact of the day, some of the events that took place, and the publicity that the day generated can be seen here.

Events

The following list of events are the ones that were reported to WES. Further details and links can be found on the NWED website www.nwed.org.uk/events. In addition to these events over 250 schools reported some activity on or around the day.

Event	Venue	Organiser
NWED Women in Engineering: The	IMechE, 1 Birdcage Walk, London	WES
Challenge Conference		
Diversity Day 2014	Royal Society, London	Royal Society
Wikipedia edit-a-thon	Prince Philip House, 3 Carlton House	Royal Academy of Engineering
	Terrace, London SW1Y 5DG	
NWED Women in Engineering	The Hub, 500 Park Avenue, Aztec	Atkins
Event	West, Almondsbury, Bristol BS32 4RZ	
NWED Women in Engineering	School of Engineering and Materials	School of Engineering and
Event	Science, Queen Mary, University of	Materials Science, Queen Mary,
	London	University of London
Women into Engineering Day Event	Staffordshire University, Science &	Staffordshire University
	Engineering Building, Leek Road, Stoke	
	on Trent Site	
WIRED	School of Engineering & Digital Arts,	University of Kent
	University of Kent, Canterbury Campus	
Event to Celebrate Achievements of	Glasgow Caledonian University	School of Engineering & Built
Women in Engineering		Environment, Glasgow University
First Edition (Years 7/8)	Livery Hall, Glaziers Hall, London	EDT
	Bridge	
Headstart Insight Girls' Course (Year	University of Salford	EDT
12)		
Go4SET Launch (Years 8/9)	Airbus, Filton	EDT
Rothienorman School Engineering	Rothienorman School, Smithy Road,	Rothienorman School
Day	Rothienorman, AB51 8YE	
IET Webcast	London	IET
Engineering competition for	25 Canada Square, London, E14 5LQ	Young Crossrail
students aged 16-19		
Panel Event on Inventions	Cambridge Makespace	Cambridge AWiSE
ENGINEERING & THE TOUR DE	Owen 941, City Campus, Sheffield	WiSET
FRANCE	Hallam University	
Engineering Success Evening Event	IOM3, 1 Carlton House Terrace,	IOM3
	London, SW1Y 5DB	

Create Your Future – Discovery Workshop for girls, parents and teachers	Walsall College	WISE Campaign	
Masterclass for Women in Science with Dr Maggie Aderin-Pocock MBE	Scottish Insight Institute, University of Strathclyde	WISE Campaign	
ICE evening lecture	Central Cardiff, e.g. Cardiff University	Costain	
Women in Engineering	Darlington College	Darlington College, Darlington Foundation for Jobs	
NWED	Birmingham Science Museum, Millennium Point, Birmingham	Thinktank	
Tour of AMEC Company labs	17 AMEC offices: Booths Park, Birchwood, London Clean Energy, London Greenfield, Aberdeen, Quedeley, Glasgow CE, Newbury, Winfrith, Newcastle, Westlakes, Harwell, Swindon, Licester, Lemington Spa, Gosforth and Darlington	AMEC	
Celebrate NWED	IET Teacher's Building, 14 St Enoch Square, Glasgow, G1 4DB	WES Scottish Circle and Equate Scotland	
Women in Engineering	Romford, Essex	BDC College	
Women in Engineering	Medway Campus	Canterbury Christchurch University	
Inspiring Women in Engineering	University of Strathclyde, Department of Civil & Environmental Engineering, Level 5, James Weir Building, 75 Montrose Street, GLASGOW, G1 1XJ	Strathclyde Women in Science and Engineering group	
Lego Robotic Sessions	University of Cambridge	Robogals Cambridge	
Energy under the Heel: Developing your skills to be a leader in energy	Latham & Watkins LLP, 99 Bishopsgate, London, EC2M 3XF	Energy Institute's Young Professionals Network London Branch	
Open Workshop for girls – year 7&8	The Education Village, ,Salter's Lane South, Darlington, DL12AN	The Education Village	
National Women in Engineering Day – Selex ES Edinburgh	Selex ES Edinburgh	Selex ES Edinburgh	
Siemens Stick-Splosion	Eaton Bank High School	Siemens Congleton	
NWED	Schools event	WES Cumbria	
Lecture 2014: Celebrating our women in STEM	Manchester, School of Chemistry, Chemistry Building, Lecture Theatre G.53	Manchester, School of Chemistry	
National Women in Engineering Day Celebration	The Point, 37 North Wharf Road, Paddington, London W2 1AF	Thames Tideway Tunnel	
Open Day	Queen's School of Engineering	Queen's School of Engineering	
Girls in Engineering Competition	Online	Highways Agency	
Retention of Women in Engineering Workshop	RAeS, London	Prospect, TRS, Womem in Manufacturing, WES	
Practical Engineering with Robogals	Trumpington Street, Cambridge CB2 1PX	Department of Engineering, University of Cambridge	
Skirting Science	Weston-Super-Mare	Soroptimist club of Weston-super- Mare	
Networking lunch and site tour	Mountbatten House, Basing View, Basingstoke, Hampshire, RG21 4HJ	Thales	

Girls Imagineer the Future	University of Brighton - School of Computing, Engineering and Mathematics, Watts Building, Lewes Road, Brighton BN2 4GJ	University of Brighton - School of Computing, Engineering and Mathematics	
Inspire Engineering Days	London Transport Museum	Transport Museum	
TBC	TBC	Subsea7	
Eaton Open Doors	Eaton Limited, Abbey Park, Southampton Road, Titchfield, Fareham, Hampshire, PO14 4QA	Eaton	
Eaton Open Doors	Wheatley Hall Road, Doncaster, DN2 4NB; Venue – Customer Experience Centre	Eaton	
Video of Women in Engineering http://vimeo.com/98116881	Wheatley Campus, Wheatley, Oxford, OX33 1HX, UK	Oxford Brookes University	
Be a Woman of Influence	The Studio, 7 Cannon Street, Birmingham B2 5EP	Kaur Values Associates	
School Assembly	Northwood College	Northwood College	
I'm an Engineer, Get me out of Here	Online	I'm an Engineer, Get me out of Here	
Women in Engineering Debate and Workshop	University of Sunderland	University of Sunderland	
Power from the Sun	Wigg Island Visitor's Centre, Puncom, WA7 1PJ	International Sun Day	
Power from the Sun	Cronton 6th Form College, Cronton Lane, Widnes, WA8 5WA	Cronton 6th Form	
A day dedicated to raising the profile and celebrating the achievements of women in engineering	Glyndwr University, Wrexham	Glyndwr University	
TBC	Tarleton Academy	Tarleton Academy, Lancashire	
Women in Engineering Day	GE Oil & Gas, Nailsea	GE Oil & Gas	
Girl in Engineering Event	Salisbury	STEMNET Wilts & Dorset	
Engineering Imagination	Mappin Hall, Sir Frederick Mappin Building, Mappin Street, Sheffield, S1 3JD	University of Sheffield	
Women with Bright Ideas 'It must have been designed by a man' Competition Launch	Online competition http://www.einsw.org.uk/news/wome n-with-bright-ideas-competition	EIN-SW	
Encouraging Girls and Women into Technology	Southampton Solent University, Reginald Mitchell Building, Hampshire, SO14 ORD	Southampton Solent University	
Girls in Energy	Fraserburgh Campus, North East Scotland College	North East Scotland College	
UCL Women in Engineering Day	UCL, Main Entrance for Registration	UCL	
CCFE Women Engineers Talk (to students at Didcot Girls' School)	Didcot Girls School	Culham Centre for Fusion Energy (CCFE)	
Exhibition in Celebration of National Women in Engineering Day	Foyer, Ashby Building, Stranmills Road, Belfast	Queens University Belfast School of Mechanical & Aerospace Engineering	
Women in Engineering Day for 96 girls from 7 schools - Practical Activities	South Wales	Techniquest Glyndwr with Bam Nuttall, ICE, IMechE	
Assembly on 'My Job'	Local School	Vactayn Ltd	

National Women in Engineering Day Event 2014: Reach Your Full Potential	Concorde Hangar, Manchester Airport	The University of Manchester
Massive Small Change Conference 2014	Prospero House, 241 Borough High St, Southwark, London, SE1 1GA	Engineers without Borders UK
Women in Engineering Day	Beijing No 80 High School, Wangjing Beilu Jia No 16, Chaoyang, Beijing	Beijing No 80 High School, Beijing
Thames Tideway Tunnel Roundtable Discussion	One Great George Street, London, SW1T 3AA	Institution of Civil Engineers
Eastman Presents: An Engineering Careers Day	Corporation Road, Newport, NP19 2XF	Eastman Chemicals
National Women in Engineering Day - Open Evening	Enterprise Drive, Westhill, Aberdeenshire, AB32 5TQ	Technip UK, Enterprise Drive, Westhill
Apprenticeship Launchpad	Various Business Locations, Oxfordshire	Oxfordshire County Council
Sharing Stories - Celebrating Heriot- Watt Women Engineers	Room 3.15, David Brewster Building, Heriot-Watt University, Edinburgh, EH14 4AS	Heriot-Watt University School of Engineering & Physical Science
National Women in Engineering Day for Year 9	Stewards Academy Science Specialist & Leading Space Education School, Parnall Road, Harlow, Essex, CM18 7NQ	Stewards Academy Science Specialist & Leading Space Education School
Relaunch of updated website	Online	Edinburgh Napier University
National Women in Engineering Day	University of Birmingham	University of Birmingham
Flickbook Gallery of Women Engineers	Online http://community.matchtech.com/wo men-in-engineering-2/view-our- gallery-of-women-engineers/	Matchtech

Twitter

The Twitter hashtag #NWED was used for many of the tweets associated with National Women in Engineering Day. This hashtag trended on the day, above both #Wimbledon (on its first day) and the #WorldCup (during the World Cup). Thousands of tweets mentioning the day appeared in the run up to the day and on the day itself.

Website Traffic

The following graph shows the increase in traffic to the **WES website** <u>www.wes.org.uk</u> as a result of NWED. This isn't even the NWED website (which is www.nwed.org.uk)!



Daily Newspapers that carried stories about National Women in Engineering Day as well as mentioning Young Woman Engineer

The following analysis was undertaken by the IET and looked at articles which mentioned National Women in Engineering Day as well as mentioning Young Woman Engineer (YWE) award. Many more articles mentioned NWED, however, which did not mention the YWE award, so this is just a small portion of the coverage but still shows the enormous reach that the day had in the media.

Cover Date	Headline	Publication/Outlet	Media Type	Circulation
23/06/14	British engineering needs more women	The Guardian (Main)	Nationals	186,931
23/06/14	Engineering bodies call for more women	City A.M. {Main}	Nationals	118,003
23/06/14	Ringing the changes	The Independent {Media Planet}	Nationals	62,460
23/06/14	Be a part of this exciting field	Independent i {Women in Engineering}	Nationals	288,834
23/06/14	National day aims to boost number of female engineers	telegraph.co.uk	Web & Wires	4,125,437
23/06/14	Engineering bodies call for more women	Cityam.com	Web & Wires	23,653
23/06/14	British engineering needs more women	theguardian.com	Web & Wires	5,181,000
23/06/14	IET launches campaign to boost women engineers	ACR-news.com	Web & Wires	3,289
23/06/14	National day aims to drive uptake of female engineers	newelectronics.co.uk	Web & Wires	340
23/06/14	National day aims to drive uptake of female engineers	eurekamagazine.co.uk	Web & Wires	3,651
23/06/14	Lack of women hindering engineering capabilities	themanufacturer.com	Web & Wires	31,559
23/06/14	IET launches new campaign to boost female engineers	pandct.com	Web & Wires	4,891
23/06/14	Women's Engineering Society Celebrates 95 years	pandct.com	Web & Wires	4,891
23/06/14	IET launches new campaign to boost female engineers	recruitment- international.co.uk	Web & Wires	500
23/06/14	Remedying Europe's lowest proportion of female engineers	ri5.co.uk	Web & Wires	500
23/06/14	It's National Women in Engineering Day - and not too late to enter the Young Woman Engineer of the Year awards	voltimum.co.uk	Web & Wires	1,407
23/06/14	Women Engineers	theglobalrecruiter.com	Web & Wires	500
23/06/14	IET launches new campaign to boost female engineers	connectingindustry.com	Web & Wires	2,041
23/06/14	IET launches campaign to boost female engineers	energyglobal.com	Web & Wires	500
23/06/14	Engineers launch campaign to attract more women	recruiter.co.uk	Web & Wires	6,547

Cover Date	Headline	Publication/Outlet	Media Type	Circulation
23/06/14	Drive to increase females in engineering sector	reward-guide.co.uk	Web & Wires	384
23/06/14	Creating a Northern powerhouse, and celebrating Britain's historical ingenuity	theengineer.co.uk	Web & Wires	47,278
24/06/14	Awards re-launched for women engineers	South Wales Argus (Newport) {Main}	Regionals	13,952
24/06/14	Building Foundations for a Future in Science with Child Lego Fun	Telegraph & Argus (Bradford) {Main}	Regionals	19,970
24/06/14	Women's Engineering Society Celebrates 95 years	processindustryinforme .com	rWeb & Wires	500
24/06/14	IET to help tackle UK engineering skills crisis	builderandengineer.co.u k	Web & Wires	500
24/06/14	IET launches campaign to recruit female engineers	oilonline.com	Web & Wires	500
			TOTAL	10,130,018

Other Newspaper and Journal Articles

1. Mid Sussex Times

Women in Engineering Day

National Women in Engineering Day is a day dedicated to raising the profile and celebrating the achievements of women in engineering as well as ...

2. The Global Recruiter

Recruiter keys into female engineering talent.

"Having heard the wider ambitions of Matchtech in this space at the **National Women in Engineering Day** conference," she continues, "I'm confident ...

3. Inaugural Ford Prize for Women in STEM studies

Plant & Works Engineering magazine

The launch co-insided with **National Women in Engineering Day** as the UK celebrated the 95th anniversary of the Women's Engineering Society ...

<u>Ford Marks National Women in Engineering Day</u> - Company News: Articles <u>Full Coverage</u>

4. Cumbria teenager sets the pace for young female engineers

NW Evening Mail

The 17-year-old's recruitment follows last week's **National Women in Engineering Day** and is part of GSK's drive to employ more women in technical ...

5. Reading Post

Reading Girls' students take on engineering challenge

The project was in celebration of **National Women in Engineering Day**. After completing their challenges the students heard from two women students ...

6. Matchtech pledges to make a difference

Engineering Capacity

Engineering recruitment specialist, Matchtech's pledge to support UK ... ahead, including the **National Women in Engineering Day**, organised by WES.

7. New Statesman

Fixing the gender divide in engineering is slow, incremental work

Women are vastly under-represented in engineering and little has been done about it.

National Women in Engineering Day is one of many initiatives ...

8. The Global Recruiter

Tackling the oil and gas gender gap needs to be more just than promoting pictures of women in ...

Onrec

Rebecca Ridley, Associate Director – UK Client Development at NES Global Talent, said: "National Women in Engineering Day is about celebrating ...

Attracting and retaining women in oil and gas engineering - Energy Global - Drilling and production news articles

Full Coverage

9. IT experiencing gender imbalance

ashdowngroup.com

Another sector that is feeling a gender imbalance is construction where yesterday (June 23rd) marked **National Women in Engineering Day**. Figures ...

10. ChiswickW4.com

Crosrail Need More Female Engineers







The UK is facing an unprecedented demand for engineering skills and ... Engineer Your Future to mark the first National Women in Engineering Day ...

Jonathan Lee Recruitment to offer career advice to aspiring female engineers at 11. Farnborough Air ...

Onrec

Aspiring female engineers are invited to discuss the many career ... with the launch of National Women in Engineering Day (June 23rd) - a day ...

Motion S4M-10472: Alison McInnes - National Women in Engineering Day 12. (Updated)

DeHavilland (press release) (subscription)

That the Parliament congratulates all those who took part in and arranged the inaugural National Women in Engineering Day, which was held on 23 ...

13. The Guardian

Forget 'damsels in distress': we need more female engineers

The Women's Engineering Society emerged even earlier, in 1919, when ... There are too few women engineers in the UK – and there are too few ... their careers, including under a recent national campaign called Your Life. ... Our editors' picks for the day's top news and commentary delivered to your ...



14. **Biggleswade Today**

Manpreet takes part in the call for more women in engineering

"After this I asked if I could carry out a day at Liebherr as part of "take your daughter to work". Funny thing is neither of my parents work there but I ...

Tectre workshop will help women to return to STEM careers **15**.

ComputerWeekly.com

IT services and staffing company Tectre is holding a one-day workshop to help women return to a career in science, technology, engineering and ...

16. The Guardian

Women of colour in tech: challenging the status quo

It seems that being a woman in the technology industry is still a rare thing - and ... and are a good problem solver then you'll be a great software engineer. ... Our editors' picks for the day's top news and commentary delivered to your ...



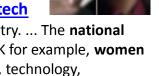
National women in engineering day: the battle to be taken seriously.

17. Onwurah, C - Female engineers

DeHavilland (press release) (subscription)

Labour MP Chi Onwurah noted that there were fewer female engineers in the UK than in any ... Last week we had national women in engineering day.





Enterprising women remain conspicuously underrepresented in the tech industry. ... The national picture is similarly positive, with job hiring among technology firms ... In the UK for example, women account for just 13% of those working in occupations classed as STEM (science, technology, engineering ...

19. The Guardian

Zipcar co-founder: 'Entrepreneurs should build the world they want to see'

There's been a lot of talk about **women** in business, yet it's not something that But as I think about it unfolding in those early days, it also takes really ... From an **engineering** perspective, I felt that I understood transportation, ...



20. **Grants Support Science, Technology, Engineering and Math Curricula**



DigitalJournal.com

... students) and Girls in **Engineering** Awareness **Day** for 120 young **women** in the ... The first program, the **Women in Engineering** Program Orientation (WEPO), ... The Emerging **Engineers** program offers a one-year, dual-enrollment ...

Why aerospace and defence are Britain's engines of growth

The Guardian

"Everyone wants to get deals done by the next **day**," says Tom Williams, Airbus ... The industry is also a big employer of highly skilled, well-paid **engineers**, ... at a rate of £105,000 per employee – 2.5 times the **national** average. ... none at all last year) and of 45 graduate trainees, just eight are **women**.

21. How do we get girls into IT?

ComputerworldUK

Women make up just three percent of IT and computing **engineers** in the UK, the Institute of **Engineering** and Technology (IET) has found – a figure ...

Blogs

22. National Women in Engineering Day – June 23rd 2014

Rachel Berry

Next week, to mark **National Women in Engineering Day** I'll be taking part in a panel event at the Engineering Department at Cambridge University ...

23. National Women in Engineering Day (NWED)

adafruit

National Women in Engineering Day – 23 June 2014 – a day dedicated to raising the profile and celebrating the achievements of women in ...

24. TSBE Centre celebrate National Women in Engineering Day

Emma Hawkins

Researchers and staff at the TSBE Centre are celebrating **National Women in Engineering Day** - with good reason as 14 out of the 38 Research ...

25. Women in Engineering Day

HM Government

Celebrating the first **national Women in Engineering day** and congratulating Crossrail competition winners.

26. Celebrating National Women in Engineering Day

Ilpukecorys

The placement, organised by City College Plymouth, allowed Jacqui to build on her technical knowledge acquired through her qualifications: a BTEC ...

27. National Women in Engineering Day

Editor, HRreview

Share this story: Balfour Beatty celebrated **National Women in Engineering Day** (23 June 2014) by highlighting the role that women [...]

28. <u>National Women in Engineering Day – raising the profile of women in engineering</u>

Jane Thompson

Today (June 23rd) marks **National Women in Engineering Day** an event dedicated to 'raising the profile and celebrating the achievements of women ...

29. <u>Wikipedia holds Edit-a-thon for National Women in Engineering Day</u>

Women News Network

Today, to celebrate **National Women in Engineering Day**, the Royal Academy of Engineering are running a women in engineering Wikipedia ...

30. Celebrating National Women in Engineering day

Stephanie

Matchtech are supporting the Women's Engineering Society (WES) to celebrate **National Women in Engineering Day** (follow #NWEDS) throughout ...

31. The CataLyst: National Women in Engineering Day Report

Catariya Lundgren

A couple of weeks back, on the 23rd June was the inaugural **National Women in Engineering Day** (NWED) here in the UK. This is a day organised by ...

32. <u>Distinguished alumna visits ECS on National Women in Engineering Day</u>
ECS alumna Shirin Dehghan visited ECS today (Monday 23 June – **National Women in Engineering Day**). Shirin graduated from the University of ...

33. BRE and National Women in Engineering Day

Marking the importance of **National Women in Engineering Day**, BRE Chief Executive Dr Peter Bonfield will take part in an Institute of Materials, ...

34. Celebrating women in engineering day

a.mogg@shu.ac.uk

Girls from schools across the region took part in a **day** of activities at Sheffield Hallam University this week, as part of **National Women in Engineering** ...

35. SgurrEnergy celebrates National Women in Engineering Day

Katherine Blum

Today is **National Women in Engineering Day** and to mark this special occasion and highlight the great opportunities for women in the engineering ...

36. National Women in Engineering Day – 23 June 2014

Sophie Scard

National Women in Engineering Day has been set up by the Women's Engineering Society (WES) to celebrate its 95th anniversary. The aim of the day ...

37. <u>National Women in Engineering Day 2014</u>

Mod - Rosie

The first ever **National Women in Engineering Day** (NWED) falls on Monday 23rd June 2014. Perfectly, that's slap bang in the middle of our next I'm an ...

38. Women in Engineering – UK National Day on June 23

admin

The Women's Engineering Society (WES) are celebrating their 95th anniversary by launching the **National Women in Engineering Day** on June 23, ...

39. <u>matchtech's recruitment pledge receives backing from women's engineering society leader</u>

Paige Fraser

"Having heard the wider ambitions of Matchtech in this space at the **National Women in Engineering Day** conference, I'm confident the recruitment ...

40. Happy National Women in Engineering Day

Emilija Sofeska, 1977

Today is **National Women in Engineering Day** - 23 June 2014 - a day dedicated to raising the profile and celebrating the achievements of women in ...

41. BAE systems pledges support to first National Women in Egineering Day

Editor

ROYAL NAVY NAMES THIRD ASTUTE SUBMARINE ARTFUL BAE Systems has pledged its support to the first **National Women in Engineering Day**.

42. National Women in Engineering Day Event at Oxford Brookes University 23 June 2014

stclarescareers

There is no charge for this event but places are limited so you must book in advance.

43. Women in Engineering Day launched

Ken Hurst

The Women's Engineering Society (WES) is launching the very first **National Women in Engineering Day** on 23 June – a day dedicated to raising the ...

44. Women in engineering celebration

Sue Tapply

WES launched its inaugural **National Women in Engineering Day** (NWED) to celebrate this anniversary. Details of this conference - Women in ...

45. Better together

Alan Coates

They also reveal what National Grid is doing to mark **National Women in Engineering Day** (NWED) and to address gender imbalance in the workplace ...

46. Inspiring the next generation of female engineers

Katya-yani Vyas, Queen Elizabeth Prize for Engineering

The inaugural prize was awarded to the five engineers who made seminal ... **National Women in Engineering Day**, on Monday 23 June, was an ...

47. Women in Engineering

The Bright Futures Team

Civil engineering projects are exciting, diverse and influential. ... the Atkins event on **National Women** in **Engineering day** on Monday 23rd June at our ...

48. FDF highlights role of women in engineering through online event

The FDF partnered with the Women's Engineering Society to launch a series of events to mark **National Women in Engineering Day** (23 June) and ...

49. FDF puts focus on women in engineering

Yesterday marked **National Women in Engineering Day** at the Food & Drink Federation (FDF). The day was celebrated with some of the UK's bi.

50. Women with Bright Ideas Competition: Application deadline 31/07/14

MicroelectronicsiNet

The 23 June 2014 was **National Women in Engineering Day**, a day dedicated to celebrating the work that women do in engineering and to showcase ...

51. Women in Engineering Day

Women in Engineering Day ... eng-**women-day** ... The girls kicked off the morning with a lecture from **women engineers** and then took part in two ... Are you bringing your family to **National** Play **Day** at Summerhill this Wednesday?

52. Women into Engineering event

An engineering careers event was held at Fife College's Stenton Campus to coincide with **National Women in Engineering day**. There was lots of ...

53. <u>Just 8.5% of engineers in the UK are women – the lowest representation of any</u> European country

wimportal

Yesterday was the UK's first **National Women in Engineering Day** and several events were held around the country. National Women in Engineering ...

54. FDF CELEBRATES National WOMEN IN ENGINEERING DAY

The UK food and drink manufacturing sector is marking **National Women in Engineering Day** (23 June), organised by the Women's Engineering ...

55. Thames Tideway project to target gender equality

mark.hansford@emap.com (Mark Hansford)

Mitchell was speaking at a round table debate at the ICE on the inaugural **National Women in Engineering Day**. The debate was set up as an ...

Engineers launch campaign to attract more women

admin

The campaign is being launched today, to coincide with **National Women in Engineering Day**, by the Institution of Engineering and Technology (IET), ...

57. Key Role for Women Engineers In Human Powered Submarine Races

Key Role for Women Engineers In Human Powered Submarine Races ... the organisers have celebrated **National Women in Engineering Day** 2014 ...

58. EDF Energy promotes pro-women strategy at first WiN UK event

Jeremy Gordon

The event was held in parliament on 23 June to coincide with the UK's **National Women in Engineering day**. Paul Spence, EDF's director of strategy ...

59. <u>Terex reaffirms its commitment to encouraging women to take up engineering</u> roles

Terex supports the UK government's initiative to get women into ... A **National Women in Engineering Day** will take place on 23 June 2014.

60. IET launches campaign to boost female engineers

The Institute of Engineering and Technology (IET) is launching a new ... is launched on **National Women in Engineering Day**, which is dedicated to ...

61. A robot called Dave enthuses budding engineers

Science Learning Centres

This week's **National Women in Engineering Day** has personal meaning, as engineering was the gateway through which I left home, went to university ...

62. President to change views on engineers

His comments come ahead of **National Women in Engineering Day** on June 23, a day dedicated to raising awareness and celebrating the ...

63. Call for construction industry to wake up to gender imbalance

Today - 23rd June 2014 - is **National Women in Engineering Day** and numerous construction companies across the country are using it as an ...

64. Women with Bright Ideas competition launched

Anita Jaynes

To celebrate **National Women in Engineering Day** on 23 June, Engineering Innovation Network South West (EIN-SW) is teaming up with Wiltshire ...

65. Women In Engineering Day 2014

Deanna Donaldson

The 23 June was **women in engineering day**, lets applaud the great work of this ... Check out **Women's Engineering** Society (WSP) and its snapshot of ...

66. Thoughts on gender, engineering, and parenting...

ampt

To celebrate **National Women in Engineering Day**, Make magazine launched a week of profiles on women makers . I'm really enjoying reading them.

67. Recent events: celebrations in Malaysia and networking in Melbourne Engineering Alumni Relations

It is always a highlight for the Melbourne School of **Engineering** to connect with alumni in person - it gives us a chance to hear from you directly on the ...

Websites

68. National Women in Engineering Day

Women's Engineering Society

National Women in Engineering Day - 23 June 2014 - a day dedicated to raising the profile and celebrating the achievements of women in ...

69. National Women in Engineering Day 2014

nwed.org.uk

Congratulations to everyone who took part in the inaugural **National Women in Engineering Day** on 23 June 2014. Over 80 events took place ...

70. National Women in Engineering Day

WISE

23 June 2014 sees the launch of **National Women in Engineering Day** - the first event of its kind, aimed at raising the profile and celebrating the ...

71. National Women in Engineering Day

Apprenticeships

Today is **National Women in Engineering day**, and the National Apprenticeship Service has taken the opportunity to recognise the success of ...

72. National Women in Engineering Day

University of Birmingham

The first ever **National Women in Engineering Day** is being held on Monday 23rd June and we are getting involved.

73. National Women in Engineering Day - North East perspectives

Institution of Civil Engineers

As the world of industry celebrates **National Women In Engineering Day**, two North East civil engineers talk about their experiences, having started out ...

74. National Women in Engineering Day: six Twitter accounts to follow

The Guardian

National Women in Engineering day Nuclear medicine, cable fixes and sheep. Just some of the things these engineers are tweeting about.

75. National Women In Engineering Day

Make

Today, June 23, is **National Women In Engineering Day** as announced by the Women's Engineering Society. This announcement coincides with...

76. National Women in Engineering Day 2014

Nats

Recently, the media has been focusing on the shortage of female engineers. Initiatives such as **National Women in Engineering Day** – a day ...

77. National Women in Engineering Day 23rd June 2014

Department of Engineering Science - University of Oxford

National Women in Engineering Day has been set up by the Women's Engineering Society (WES) to celebrate its 95th anniversary. It takes place on ...

78. Women engineers talk careers on National Women in Engineering Day 2014

Engineering and Physical Sciences Research Council

Top female engineers explain why engineering's a great career for women and girls on **National Women in Engineering Day**.

79. UK national women in engineering day

James Dyson Foundation

National Women in Engineering Day (NWED) is an initiative to celebrate and raise awareness of women in engineering. Only 6% of the UK ...

80. Cancelled: National Women in Engineering Day (NWED) - Talk

Department of Physics - University of Oxford

Cancelled: **National Women in Engineering Day** (NWED) - Talk. Date: 23 Jun 2014 - 7:00pm - 8:00pm. This event has unfortuantly been cancelled.

81. AMEC celebrates UK National Women in Engineering day

Amec

National Women in Engineering Day has been set up by the Women's Engineering Society (WES) to celebrate its 95th anniversary and is using the ...

82. <u>Engineering Success - National Women in Engineering Day</u>

IOM3

23 Jun 2014, London, UKAn IOM3 event to celebrate the first **National Women in Engineering Day**.

National Women in Engineering Day

Vimeo

The Department of **Engineering** Science was awarded a bronze award from Athena SWAN in November 2012. This award recognises the ...

83. National Women in Engineering Day, Monday 23rd June

TUC

Unite the union, the NUT and Prospect are working together with the South West TUC to promote **National Women in Engineering Day** on the 23rd ...

84. National Women in Engineering Day 23rd June

Department of Engineering Science - University of Oxford

National Women in Engineering Day was set up by the Women's Engineering Society (WES) to celebrate its 95th anniversary. It took place on 23 June ...

85. South West National Women in Engineering Day 2014

The Engineering Development Trust

As today is **National Women in Engineering day**, we thought that we would take some time to celebrate some of the ladies taking their Year in Industry ...

86. National Women in Engineering Day encourages Tees students 26 June 2014
Students from ...

Middlesbrough College

Students from across Middlesbrough came along to celebrate **National Women in Engineering Day** on Monday 23rd June at Middlesbrough College ...

87. National Women in Engineering day

ScienceGrrl

The first ever **National Women in Engineering Day** in the UK was on 23rd June. The day, devised and coordinated by the Women's Engineering ...

88. Scottish engineers celebrate National Women in Engineering Day

Institution of Mechanical Engineers

Technip in the UK, a leader in the field of subsea engineering and construction, celebrated **National Women in Engineering Day** on 23rd June by ...

89. Events - Upcoming - UCL National Women in Engineering Day

UCL - Civil, Environmental & Geomatic Engineering - University College London

UCL Civil, Environmental and Geomatic Engineering is holding an Engineering taster day to celebrate **National Women in Engineering Day** on ...

90. National Women in Engineering Day

WSP

Monday the 23rd June 2014 is **National Women in Engineering Day**. Women are massively under-represented in engineering - currently representing ...

91. College celebrate National Women in Engineering Day (NWED)

Peterborough Regional College

Monday 23rd June marked NWED, a day dedicated to raising the profile and ... Monday 23rd June 2014 marked National Women in Engineering Day ...

92. Celebrate UK National Women in Engineering Day

Explore Taylor & Francis Online

Celebrate the UK **National Women in Engineering Day** on 23rd June with us. The day celebrates the work that women do in engineering, and ...

93. National Women in Engineering Day

University of Warwick

Monday 23rd June 2014 is **National Women in Engineering Day**. The aim of the day is to raise the profile and celebrate the achievements of women in ...

94. National Women in Engineering Day

STEM - University of Leeds

National Women in Engineering Day has been set up by the Women's Engineering Society to celebrate its 95th anniversary. The aim is to celebrate ...

95. Jane features in National Women in Engineering Day

SLR Consulting

Jane Chambers, who recently joined SLR's team in Belfast, is featured as 'Engineer of the Day' in celebration of Matchtech's National Women in ...

96. First National Women in Engineering Day

HSSMI

Monday the 23rd of June marked the first ever **National Women in Engineering Day**. Launched by the Women's Engineering Society to mark their 95th ...

97. National Women in Engineering Day!

At-Bristol

National Women in Engineering Day! In celebration of **National Women in Engineering Day**, we catch up with Leire Eguiluz, an Engineering Graduate ...

98. National Women in Engineering Day profile – The Kelly sisters

Sellafield Ltd

Engineers – Stephanie and Lynsay Kelly. Sisters from Whitehaven, Lynsay and Stephanie Kelly, both chose an **engineering** apprenticeship with ...

99. National Women in Engineering Day

National Careers Service

June 23rd is **National Women in Engineering Day**. When it comes to engineering as a profession, less than a quarter of our enquiries about this sector ...

100. IMarEST Supports National Women in Engineering Day

IMarEST

THE Institute of Marine **Engineering**, Science and Technology (IMarEST) has launched a campaign to boost the number of female **engineers** following ...

101.

National Women in Engineering Day

YouTube

Ford's COO Barb Samardzich explains why Ford invited young female students to Dunton Technical Centre to learn about a career in **engineering**, ...



102. CH2M HILL Women Celebrate Inaugural National Women in Engineering Day

Yahoo Finance

From Yahoo Finance: CH2M HILL is delighted to be supporting the inaugural **National Women in Engineering Day** today, 23 June 2014, to celebrate ...

103. National Women in Engineering Day 2014

Department of Mechanical Engineering and Mathematical Sciences - Oxford Brookes University

National Women in Engineering Day is on Monday 23 June 2014 and you can get involved by coming to an all-day event on Oxford Brookes' ...

104. National Women in Engineering Day

Finmeccanica UK

This year, Selex ES is proud to celebrate **National Women in Engineering Day** (NWED), which falls on 23 June 2014. By supporting and promoting ...

105. National Women in Engineering Day

Barking & Dagenham College

Join us for a special **day** promoting the role of **women in engineering** and the exciting range of careers **engineering** can offer **women**.

106. <u>Dawn Bonfield, Executive Vice President of the Women's Engineering Society on re-engineering ...</u>

Womanthology

Dawn Bonfield, Executive Vice President of the Women's Engineering Society tells Womanthology about **National Women in Engineering Day** on 23 ...

107. National Women in Engineering Day

Network Recruitment Partnership

National Women in Engineering Day will take place on 23rdJune 2014 to raise the profile of women in engineering and celebrate their achievements.

108. National Women in Engineering Day!

ftrack.co.uk

June 23rd brings **National Women in Engineering Day!** Dedicated to "raising the profile and celebrating the achievements of women in engineering", ...

109. National Women in Engineering Day

TTE New Horizons

On 23 June 2014 people all over the country celebrated **National Women in Engineering Day** (NWED). **National Women in Engineering Day** has been ...

110. BCS supports National Women in Engineering Day

BCS

BCS supports **National Women in Engineering Day**. 20 June 2014. Following its recent Women in IT campaign which featured 30 women throughout ...

111. National Women in Engineering Day

Winchester Science Centre

National Women in Engineering Day Currently women make up less than 10% of the engineering sector, and with a large skills gap looming, and the ...

112. 24 June 2014

Atkins

Atkins has celebrated **National Women in Engineering Day**, by hosting a range of events across the UK, including Bristol, Birmingham, London and ...

113. University of Bath backs first National Women in Engineering Day

Microelectronics iNet

To coincide with the first **National Women in Engineering Day** on 23 June 2014, University of Bath is creating three new women's fellowships in the ...

114. National Women in Engineering Day

Eventbrite

Eventbrite - School of Engineering and Physical Sciences - Athena SWAN Team presents **National Women in Engineering Day** - Sharing Stories ...

115. Engineering

The Open University

The **Women's Engineering** Society is a professional network of **women** ... For information about typical jobs within the sector – including **day** to **day** ... You can also explore our voluntary work pages or the following **national** websites:.

116. <u>Happy National Underwear Day! If Panties Could Talk, What Would They Say?</u> Pichawazi

It's National Underwear Day! (Yes **National Women in Engineering Day**: Here are six women already making waves in the industryread more ...

Some Feedback on the Events of the Day

- "We were excellently supported and inspired to get involved with the WES event. The local
 engineering ambassadors gave up their time gladly to inspire more than 50 potential engineering
 students. The selection of a day where events were taking place around the country was well
 received by teachers in school and we hope to run another one next year!" Hellen Ward Principle
 lecturer, Faulty STEM Director, Kent and Medway STEM
- The NWED day we organised was a great success and the girls enjoyed the experience. A
 representative from the school said: "The students have said that it was very good day and are now
 thinking about engineering as a possible career (something that is new to them)". To follow up, the
 team involved have been given the opportunity to go back to the school with another outreach
 activity there.' Lilian Knight, Thale
- Winchester Science Centre and Planetarium had clear goals and objectives for the day and after speaking to some of the young girls, it appears the aims had been met: 'Today has changed the idea of what I thought engineering was. It is actually much more creative than I knew'. Perins School
- "At Arup we take gender equality very seriously and have a number of targeted corporate initiatives to help promote women in engineering fields. In recognition of this issue, we will be celebrating on National Women in Engineering Day and helping to raise awareness of the importance of promoting women in this field." Alan Belfield, Chairman of Arup UK
- "The response that we have received to our women in engineering campaign has been overwhelming. We are extremely proud to be a corporate sponsor of the Women's Engineering Society and events such as NWED are crucial in bringing the wider industry together and pull into focus action that is so clearly needed. Celebrating all talent within the engineering sector is important, but with so few women considering it as a career option, we hope that campaigns such as this will put the spotlight on how accessible and rewarding the industry can be." Keith Lewis, Managing Director, Matchtech
- 'When you hear 'engineering' you think of buildings and men in hard hats, but it is a lot more than that. Today has given me a different perspective.' Henry Beaufort, student
- 'Engineering never occurred to me before but now I know it is an option.' Horndean Technology College
- The opportunity to ask mentors about being Women in Engineering was an inspiration: "I want to be an engineer like Claire" "You can work all over the World!" Education Village's Workshop
- "The day made me more aware than ever of the significant talent pool out there not only women engineers and scientists but also actual and potential leaders. It provided an excellent vehicle for debate and discussion, and most of all, action." Ruth Spellman, CEO WE
- "Lots of girls and staff noticed the posters and commented on them. The Careers and Head of Sixth
 form are keen to celebrate the event again next year and to get other old girls in to speak to whole
 school. "Teacher, Northwood College
- "I recently worked alongside a team in Siemens Congleton that designed and implemented our Women in Engineering Stick-Splosion Challenge as part of the WES National Women in Engineering Day on the 23rd June 2014. This is an activity that challenges participants to create stick bombs, aimed specifically at encouraging more girls to consider engineering career options. Following our

launch event for 35 girls aged 11-17 years, 75% of pupils attending said they would now consider engineering career options. 94% of pupils agreed/strongly agreed that they had learnt something new about Engineering and Manufacturing from the event. Following the success of this event the stick-splosion challenge will be rolled out to a further 200 local students aged 15-18 years, before the end of 2014, this will help with supporting the promotion of our Apprentice and Graduate 2015 intake." Sarah Black-Smith, Siemens

- "An event celebrating the NWED was held at the University of Sunderland. A number of female engineers shared their experiences of being professional engineers and discussed the opportunities and the barriers that they had faced. The whole WES day acted as a catalyst to bring genuinely interested parties together to share, debate and discuss and plan for a series of events and activities for the future. We look forward to promoting WES and WES activities in 2104/15 and beyond." Alastair Irons, University of Sunderland
- On NWED, Technip UK held an open evening for local school girls (and their parents) to showcase engineering opportunities. The feedback we received was excellent.
- 'Very informative I am definitely more interested in pursuing a career in engineering now'
- 'This gave me a good insight into engineering'
- 'Excellent event educational and informative. Provided a lot of good information for making future choices' Isabel Howden, Technip UK
- "For the National Women in Engineering Day I organised an ICE Wales lecture in Cardiff jointly sponsored by the ICE Wales Cymru, Welsh Government and ABC Electrification. We had four highprofile women from the engineering industry talk about their work with a panel question session at the end. I really enjoyed organising the event and seeing the great interest in celebrating the achievements of women in engineering and raising the profile of women in the profession. Feedback from participates on the best things about this event included: Encouragement of women in engineering and reassurance that promotion is possible without sacrificing family life; How much the four women enjoyed their jobs/careers and how they adopted to change; Openness of responses to the question section; There was a good selection of speeches and rightly focusing on individuals jobs and the engineering rather than the fact that they were women; Being at an engineering event (as a women) and not being in the minority. On a personal level, this has encouraged me to take a more active role in promoting non-traditional roles for women by joining WES, taking part in the Chwarae Teg's A Woman's Place in Industry Network as well as standing for election to the ICE Wales Cymru Committee." Lilli Craemer, Costain Ltd
- "I was one of the organisers for the National Women in Engineering Day which we hosted at Atkins, The Hub, Bristol. I can certainly say we found this event to be extremely useful and productive in many ways. The organisers decided to take the approach of inviting clients and students from local schools to come along and listen to three presenters talk about attracting and retaining women in engineering. There was a great networking opportunity after the presentations where many individuals had the chance to speak to the presenters as well as each other and continue the key topic discussion areas. We received such positive feedback from clients, the students and teachers as well as Atkins employees. It was a great opportunity to not only show clients and students the work that Atkins currently is doing in this area but also to work together to discuss the future of what could and should be done to encourage more women and retain them in the engineering field." Marinder Dhillon Atkins Aerospace

- "Having a National Celebration and activity day provided the focus for us to reinforce the work we were already doing to raise career awareness of fantastic opportunities for girls in engineering. Having a 'National' day adds status that means schools are more likely to allow pupils to take part. We also found that female engineers (many of them STEM Ambassadors) are also more interested in taking part and can be more easily released by their managers. Your branding materials (including the stickers) helped to reinforce the importance of getting more girls to consider engineering careers and was something else they could take away with them from the day, a little like loom bands! As for the day we were able to get the support of four companies and eight female engineers and two female engineering apprentices to run a circus of three 'Hands on' engineering workshops with 80 year nine girls from four schools. We also held two discussion groups at the end of lunch just before the afternoon session started. Informal feedback from staff and engineers was extremely positive and the girls all left with a positive 'buzz' having I am sure had their eyes opened." Tony Homer, Entrust
- "The WiSET team were delighted to be able to tap into the support and added exposure that WES/ the National Women in Engineering day initiative provided. This not only enabled us to encourage more women and girls and their supporters to make use of our resources, but also contributed to the debate about the issues surrounding women in engineering. We opted to run a full day of activities on the day to showcase the broad range of opportunities available to girls if they choose a career in the engineering sector. Forty girls from 4 local schools took part in hands-on activities and met women studying and working in a wide range of engineering careers. During the day we were also working with our local University Technical College to make a short film highlighting women in engineering, and we made sure that we included women at all stages of their working life (see a really interesting piece on 8 ages of engineering on our partner WEST's website). Students from our University also used the opportunity to launch a new Women in engineering society which will work with local schools and colleges to inspire the female engineers of the future. We also made sure that everyone who attended featured in a mass photograph to celebrate the day and to make a public statement about our commitment to making a difference. We tweeted throughout the day and were conscious of the added value of being part of a very real campaign to raise awareness of the issues across the UK. One of the most tangible impacts for us was when a teacher told us that, as a result of being at our event, one of her pupils had decided to change her option choices and would now be studying engineering GCSE – a very positive outcome. We have already begun to make plans for the next National Women in Engineering Day and hope that we will once again be able to link with WES and other organisations seeking to make a difference." Denise Eaton, Project manager, Women in SET, Centre for Science Education, Sheffield Hallam University
- "NWED was valuable to EDT as it allowed us to gain media coverage and interest around the events
 that we were running that day, allowing us to use another angle to pitch from. This resulted in
 several pieces of coverage highlighting the importance of attracting more girls into engineering,
 which we may not have been able to obtain if it weren't for the nationally recognised celebration."
 Sharon Olagunju, EDT
- "The National Women in Engineering Day 2014 provided an excellent focus for us, the College of Engineering and Physical Sciences at the University of Birmingham, to celebrate the women in our community who have excelled in their careers and those, our students, who have just started out. Driven by the passion of some of our female students, we produced a short film to be used in encouraging future generations of females to consider a career in engineering http://youtu.be/uUGk2lokb1s. Additionally, we created an online webpage http://www.birmingham.ac.uk/university/colleges/eps/wie to promote all the activity around the day and held an evening networking event for graduates, staff and external guests where a collection of successful female engineers shared their expertise on an important topic around the future of engineering. Videos from the event can be seen here:

www.birmingham.ac.uk/sustainable-engineering. It is too early to tell the true impact of the activity that took place but we can say the day provided a great platform to engage with our female population and a useful pause point to evaluate all that we are doing to promote, encourage and support future generations of engineers." Kathryn Chedgzoy, University of Birmingham

- 'I am glad I came to this event' Thames Tideway Tunnel Event attendee
- 'I learnt something about engineering that was worth learning' Thames Tideway Tunnel Event attendee
- 'I feel more positive now about jobs in engineering than before I came here' Thames Tideway
 Tunnel Event attendee
- 'I'm surprised to find out about the jobs that women do' Thames Tideway Tunnel Event attendee
- I organised an event on Saturday 21st June called 'Girls Imagineer the Future!' with all activities and materials provided by my company <u>Curiosity Hub</u>. Space was donated by the University of Brighton's School of Computing, Engineering and Mathematics. We had 30 girls attending, aged from 6 to 12. We ran 4 one-hour sessions on Lego robotics (WeDo and Mindstorms EV3), bioengineering and computer programming. <u>Photos are here</u>. I asked parents to fill out an online survey after the event; please find the main survey <u>results here</u>. There are some great quotes from the survey and from other emails I received that I'd like in particular to draw to your attention:

"Really enjoyed it and would love to come to the next event. My daughter honestly said that she could be an engineer in the future because she didn't realise the spread of careers it covered. A great opportunity."

"Activities were at the right level for children of all abilities and ages to really engage and have fun. This was very encouraging and demystified engineering to a young audience."

"Hands on, small group, session 2 [bioengineering] particularly allowed girls to explore own ideas with no instructions."

"It demonstrated complex robotics in a way that could be accessed by my 6 year old. She could do all the building and programming herself with hardly any help. And she loved it."

"Felt ok about asking questions." "Small size, relaxed atmosphere"

"Session 4 Being made aware of the remarkable LEGO kit and the ease with which it made robotics a real rather than theoretical experience."

"Thank You for the excellent sessions on Saturday. It was great to have a girls focus, without boys grabbing all the lego pieces!" Jacqueline Currie, Curiosity Hubb