

ENGINEERS IRELAND NORTH WEST REGION IN ASSOCIATION WITH IT SLIGO

Engineers Week is an annual campaign to promote engineering as a career and the importance of the profession to Ireland. In association with IT Sligo and Engineering companies in the region, Engineers Ireland have

organised a range of events from February 25 to March 3 showcasing the limitless possibilities that a career in engineering can offer. For more details on the events or to register to attend see www.engineersweek.ie

SCHEDULE OF EVENTS

Date	Time	Title	Location
Mon, Feb 25	12:00 to 16:00	Collection for North West Hospice, IT Sligo Engineering Students (Donations Welcome)	Sligo Town and IT Sligo
Mon, Feb 25	20:00	Annual Lecture Series - Lecture no 5 Sustainability in Road Maintenance Tom Walsh, Chartered Engineer, RMS Ltd and Cold Chon (All Welcome)	Sligo Park Hotel
Tues, Feb 26	10:00 to 13:00	Engineering Organisation Host Day , for Secondary School Students	Sligo and Leitrim
	10:00	3rd Level Challenge , National Multidisciplinary Competition, Competition for IT Sligo students Sponsored by Mainstream Renewable Power	F0006 IT Sligo
Tues, Feb 26	20:00	Engineering as a Career - Open Night at IT Sligo Learn more about Engineering from Professionals and Lecturers in the field Third and second level students and parents welcome	A0004 IT Sligo
Wed, Feb 27	10:45, 11:15, 12:45	Primary School Shows " Airmazing: Engineering the future with Pneumatics "	A0004 IT Sligo
Wed, Feb 27	20:00	Third Level Student Debate , "Civil Engineering is the Superior of the Engineering Species" IT Sligo students battle it out - spectators welcome	A0004 IT Sligo
Thurs, Feb 28	10:00 to 15:00	National Volunteer Day , Engineers visit Primary Schools	Sligo and Leitrim
Thurs, Feb 28	10:00	Local libraries host Engineering Events Sligo Central Library, Ballinamore County Library (All Welcome)	Stephen Street, Sligo, and Ballinamore, Co Leitrim
Thurs, Feb 28	20:00	Short Lecture and Demonstration - History of Masonry Arch Bridges Speaker - Gary Salter Chartered Engineer plus Tour of Engineering Laboratories at IT Sligo , See the hydraulics, structures and robotics labs (All Welcome)	IT Sligo Sligo County Council
Fri, March 1	10:45, 11:15, 12:45	Primary School Shows, " Airmazing: Engineering the future with Pneumatics "	Bush Hotel Carrick on Shannon
Sat, March 2	14:00 to 16:00	CoderDoJo , Interactive Workshops for kids on Computer Programme (booking essential)	E0028 IT Sligo

ENGINEERING ORGANISATION HOST DAY

This event has been successfully running for a number of years in Sligo and Leitrim. Engineering organisations from a variety of backgrounds and disciplines arrange to host small groups of students from local secondary schools. This gives the students a great opportunity to learn at first hand the type of work engineers do each day in our local community. It also presents an opportunity for organisations to welcome younger members of the public and raise the profile of engineering related activities. Organisations involved in Engineers Week 2013 in Sligo and

Leitrim include: **Waterways Ireland, SF Engineering, Masonite, Verus Precision, Lotus Works, ESB, Sligo Co Co Road Design, Abbott Ireland, Bruss GmbH and IT Sligo (remote labs).**

ENGINEERS WEEK TESTIMONIAL

"Engineers week is a fantastic nationwide initiative. LotusWorks has supported the week for the past four years by hosting secondary school students to our premises in Finisklin for a half day of engineering related activities. Engineering as a career presents the opportunity

to work in a variety of industries and it is important students understand the wide range of options Engineering can present. LotusWorks has a variety of engineering disciplines working on a diverse range of projects in Europe, the USA, Canada and South America. We welcome the opportunity through Engineers Week, to grow Engineering awareness and assist in sharing our knowledge and experience of the profession with our local community"

Emer Conroy,
Marketing & Communications, LotusWorks.



ENGINEERING AS A CAREER OPEN NIGHT IN IT SLIGO

On Tuesday 26 February at 8pm there will be an open evening at IT Sligo. This event will facilitate students of all types to meet local practising engineers. The engineers will be available to discuss what they do on a daily basis and their career path and any other information that students would like to find out.

After an introductory presentation all the guest speakers will be available for students to approach them to ask questions and discuss any queries they may have about engineering. Engineers from Civil, Mechanical, Electronic, Mechatronics and Computing will be present on the night and there should be someone to give good advice for every budding engineer.

THIRD LEVEL CHALLENGE

IT Sligo School of Engineering and Design is looking forward to participating in this event, which is open to multi-disciplinary teams from the 3rd level colleges in the country. Mainstream Renewable Power is sponsoring the event and they will present a challenge on the day which will incorporate all disciplines of engineering. The students will have a couple of hours to solve the problem and

submit their proposals. The title of the problem is "Sustainable Cloud - Ireland's Opportunity" and as a challenge is applicable to every engineering discipline. **Engineers Ireland and Mainstream Renewable Power want Irish engineering students to identify the best ideas in creating a national comparative advantage for Ireland in the area of cloud computing and sustainability.**

AIRMAZING:ENGINEERING THE FUTURE WITH PNEUMATICS

Cannons, vortexes, fire-balls and vacuums are just some of the spectacular demonstrations in this interactive engineering show. James Soper, from Science Shows for Schools, presents an enthralling and exciting hour for primary level students combining curriculum physics, engineering fundamentals and one lucky

member of the audience firing a piece of potato at over 300km an hour. **Three shows will be held in IT Sligo on Tuesday 26th February and an additional three shows will be held in the Bush Hotel in Carrick on Shannon on Friday 1st March. These events are free but please note that booking is on-line at www.engineersweek.ie.**