

Media release

22 July 2013

For immediate release

Mathematics competition shows how mathematics is used by UK industry

Tom Morrison, a student on a 'Year in Industry' work placement with Delphi Automotive PLC, has been named winner of the 2013 Further Mathematics Support Programme (FMSP) 'Maths in Work' competition. Tom won the top prize for writing a piece to show how he had used mathematics in his work.

The FMSP 'Maths in Work' competition challenges students on an EDT (Engineering Development Trust) Year in Industry placements to submit exemplars that illustrate how they applied mathematics in their work. The exemplars must convey how school mathematics is used in 'real-life' problems in the workplace. The competition is open to all EDT Year in Industry students and their co-employees throughout the UK and the winning exemplars are used by schools and colleges to give insights to younger students.

Tom Morrison has spent the industrial training year of his Mechanical Engineering degree course working for Delphi, a leading global automotive supplier, at their Diesel Technical Centre based at Gillingham, Kent. He will shortly be returning to the University of Surrey to complete his degree and then progress to a Masters course. Tom's entry explained how he used statistics and linear regression to derive a model to calculate the injection ratio of a diesel fuel injector.

Copies of the winning entry, together with other highly commended entries, will soon be available at www.mei.org.uk/?section=students&page=competitions#MIWC.

Janice Richards, Industry Programme Leader for MEI, which manages the FMSP said:

"The competition entries demonstrate the wide range of ways in which mathematics is used in the workplace. We will be integrating them with our Integral A Level resources to help to show students that the mathematics they are learning has important practical applications."

An image of the presentation accompanies this release (see below). For further information please contact:

Janice Richards

Programme Leader (Industry)

Email: janice.richards@mei.org.uk

Tel: 07445 345094

Post: MEI, Monckton House, Epsom Centre
White Horse Business Park, Trowbridge
Wiltshire BA14 0XG

Notes to Editors

1. The Further Mathematics Support Programme (FMSP) is a government-funded initiative which is managed by Mathematics in Education and Industry. The FMSP works with local schools and colleges to support and promote the study of AS/A level Mathematics and Further Mathematics and to arrange Further Mathematics tuition for students when their schools and colleges cannot provide it themselves. For more information about the FMSP see www.furthermaths.org.uk.
2. Mathematics in Education and Industry (MEI) is an independent charity that supports mathematics education. MEI builds links between industry and education and supports and aims to improve mathematics in the workplace. For more information about MEI see www.mei.org.uk.
3. The EDT is the largest provider of STEM (science, technology, engineering and mathematics) enrichment activities for UK youth. EDT helps develop partnerships, builds links between education and industry and helps organisations reach talent and connect with young engineers and scientists across the UK. EDT's range of work related learning schemes provide opportunities for 11-21 year olds to enhance their technical, personal and employability skills through industry-led projects, industrial placements and specialised courses. EDT's Year in Industry scheme provides paid career development work placements for students completing A levels/Scottish Highers/equivalent qualifications or as part of a university sandwich year. For more information about EDT see <http://www.etrust.org.uk/>.
4. Delphi is a leading global supplier of electronics and technologies for automotive, commercial vehicle and other market segments. Operating major technical centres, manufacturing sites and customer support facilities in 32 countries. For more information about Delphi, visit the media room at www.delphi.com/media



Left to right: Andy Hargreaves, Injector Development Manager (Tom's manager); Maria Taylor, EDT South East Region Placements Manager; Tom Morrison, the competition winner; Janice Richards, Industry Programme Leader, MEI; and Paul Charman, Gillingham Technical Centre Manager, Delphi Diesel Systems.