

# THE INSTITUTE FOR MANUFACTURING

The Institute for Manufacturing (IfM) is part of the Cambridge University Department of Engineering. It carries out work in three main areas.

## Education

Giving the next generation of manufacturing leaders a thorough understanding of management and manufacturing technology.

## Research

Producing world-leading advances in a wide range of manufacturing-related topics, including advanced materials and production technologies, digital manufacturing and data analytics, technology development and exploitation, and business tools and processes.

## Consultancy and Professional Development

Applying IfM research to help companies improve their products and business operations, and have a more positive impact on people and the environment.

## IFM GRADUATES

IfM students have an extensive skill set that makes them ideally suited to a wide range of industries. Unlike the other Cambridge engineering courses, the IfM offers its students the opportunity to undertake several weeks of industrial placement during the course, as well as a number of industrial visits, lecturers from industry and large team projects. This results in graduates with exceptional commercial awareness, project management, teamwork and communication skills.

Past graduates have gone on to make a difference in a wide range of roles across numerous industries:



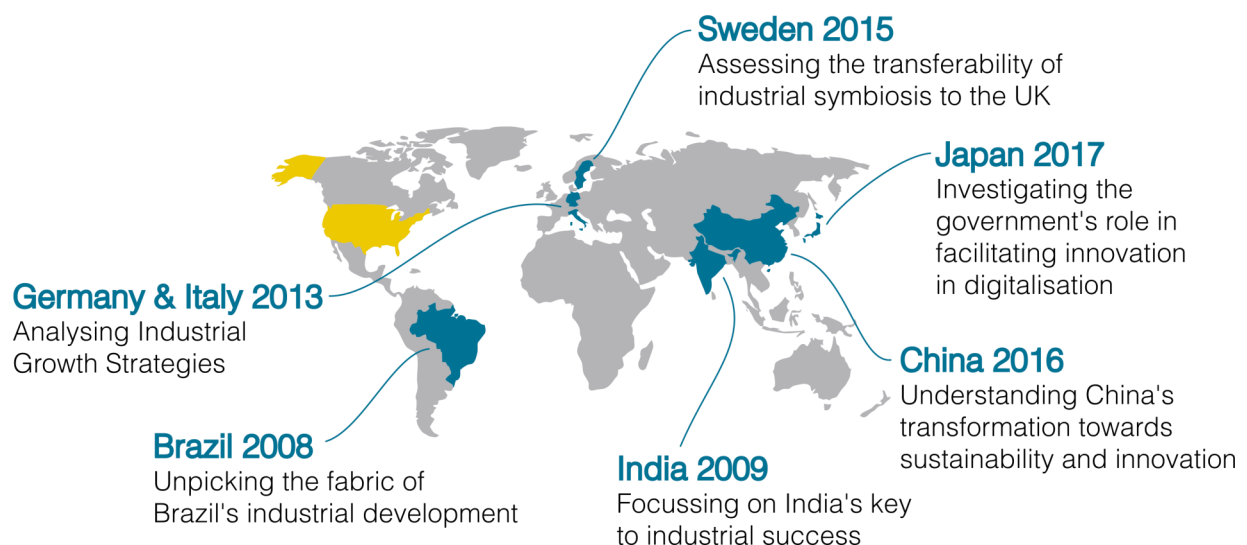
# THE OVERSEAS RESEARCH PROGRAMME

The Overseas Research Programme is an integral part of the Cambridge Manufacturing Engineering course. Its goal is to expose students to current international manufacturing issues and to develop their industrial awareness, technical skills and analytical thinking. The programme is a student-driven initiative, with guidance offered by members of the department and wider industry.

During their final year, Manufacturing Engineering students select and research a topic of interest relating to their studies. This culminates in a research trip at the beginning of July, during which the hypotheses of the research are tested. Following the trip, the findings from the programme are summarised in a professional report and are presented to sponsors, academics and other interested parties.

## PREVIOUS PROJECTS

Previous projects have covered a wide range of topics and destinations. More details of past trips can be found online at [www.ifm.eng.cam.ac.uk/education/met/b/orp/](http://www.ifm.eng.cam.ac.uk/education/met/b/orp/)



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## • THE 2018 PROGRAMME •

The 2018 programme will investigate emerging technologies in the manufacturing space. This will range from new manufacturing techniques, to digital technologies which support the transition to Industry 4.0, as well as the strategies utilised by organisations to manage the innovation process. Based on this research, possible opportunities for UK industries to utilise emerging technologies can be identified.

To maximise mutual benefit, we are keen to tailor our research to the interests of our sponsoring companies.

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## • SPONSORSHIP •

We are not only looking for partners who can support us financially, but to develop a mutually beneficial relationship where the research themes focus on issues which are of value to you. In return we offer access to an exceptional graduate pool equipped to meet the future demands of industry, the opportunity to network within the IfM, and research written in conjunction with staff from the IfM.

Our sponsorship packages described in more detail on the following page.

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## • ALTERNATIVE SPONSORSHIP •

Sponsorship can take many forms. You can also assist ORP by donating 'gifts in kind' that we can use during the trip, such as air miles or hotel rooms booked at company rates. Sponsors who donate these gifts will receive the sponsorship level equivalent to the value of donation.

## SPONSORSHIP PACKAGES

Our three main sponsorship levels are detailed below. It should be noted that each package will be tailored to the company and is therefore open to negotiation.

### BRONZE **Networking Opportunities**

#### **Suggested contribution £500**

Bronze sponsors will be invited to IfM networking events such as the annual Design Show. In addition, we will publicise your company and any opportunities or events on the IfM social network, which is accessed by staff, researchers and students throughout the IfM.

### SILVER **Recruitment Opportunities**

#### **Suggested contribution £1,000**

Silver sponsors receive all of the benefits of the bronze package. In addition, we will help you organise and promote a recruitment event. Unlike other company-organised recruitment events, we can ensure that your event will be held at a date and time that suits students, and will promote your company internally in the run-up to the event.

### GOLD **Influence on research**

#### **Suggested contribution £4,000**

Gold sponsors receive all of the benefits of the silver and bronze packages. In addition, we will tailor our research to your company's priorities. This can include influence on the types of companies we visit and the fields we focus on. You will receive a copy of our research report and, if desired, a presentation on the results at your company.