

# ESSENTIAL MANAGEMENT SKILLS 2017

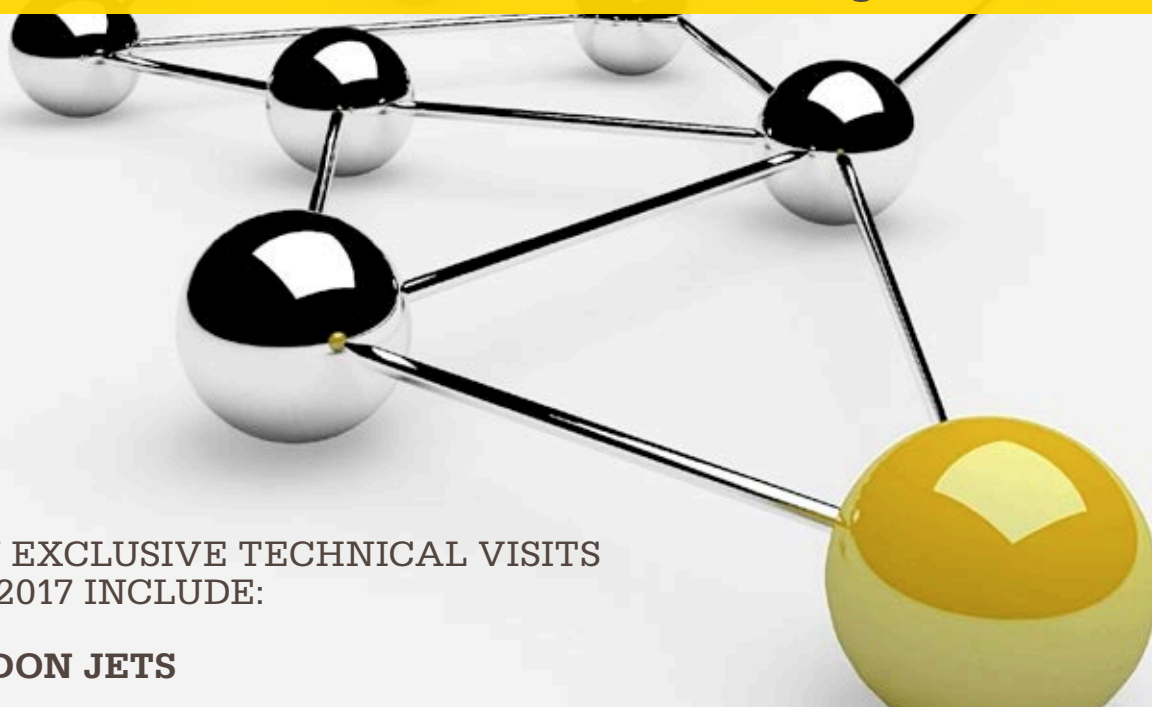
Institution of  
**MECHANICAL  
ENGINEERS**

**SAVE  
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OFFER ENDS  
24 FEBRUARY 2017

Management Group  
**Conference**

**22–24 March 2017**  
University of Warwick, Coventry

Save 15% before 24 February 2017 [www.imeche.org/ems](http://www.imeche.org/ems)



NEW EXCLUSIVE TECHNICAL VISITS  
FOR 2017 INCLUDE:  
**AWE**  
**BLADON JETS**

**SUPPORTING ORGANISATIONS:**



# ESSENTIAL MANAGEMENT SKILLS 2017

22-24 MARCH 2017

University of Warwick, Coventry

**TAKE THIS UNIQUE OPPORTUNITY TO EXPLORE MANAGEMENT WITHIN THE ENGINEERING INDUSTRY THROUGH OUR LEADING SPEAKERS AND EXPERTS. LEARN KEY MANAGEMENT SKILLS THROUGH THE VAST ARRAY OF WORKSHOPS ADDRESSING AREAS SUCH AS COMMUNICATION SKILLS, CONFLICT MANAGEMENT, LEGAL REQUIREMENTS AND PROBLEM-SOLVING.**

Technical excellence is no longer enough to guarantee career success. Whether you're already in charge of a team or preparing to step up into management, Essential Management Skills 2017 (EMS 2017) will motivate you to chase after your career goals.

Over three days, you will improve your ability to manage yourself, projects and teams. You will learn how to take control of your development and how to lead others. Through workshops, exclusive site visits, presentations and interactive challenges, EMS 2017 will provide insight into leadership, communication and project management.

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## NEW FOR 2017: MAKE THE MOST OF OUR NEW INDUSTRY VISITS AND WORKSHOPS

**NEW** industry visits to leading and upcoming companies including: **AWE** and **Bladon Jets**

### NEW workshops on topics including:

- LIVING LEAN
- PROBLEM SOLVING & SYNTHESIS: HOW TO DEAL WITH BADLY DEFINED, COMPLEX BUSINESS PROBLEMS WITHOUT DROWNING IN WORK!
- DEVELOPING AN ENTREPRENEURIAL MIND-SET - APPROACHES FOR DRIVING YOUR CAREER GROWTH
- PERFECTING YOUR PITCH - THROUGH NETWORKING
- DEMYSTIFYING FINANCE

### BENEFITS OF ATTENDING:

#### FOR YOU:

- Develop skills to enhance your career
- Learn the skills you need to be a great engineering manager
- Support your Chartership application
- Be more motivated, creative and productive
- Realise your potential by understanding your strengths and weaknesses
- Uncover important tools for breaking out of self-limiting beliefs
- Meet and learn from like-minded engineers

#### FOR YOUR COMPANY:

- Enhance your business by investing in your developing Engineers
- Improve communication and teamwork throughout your organisation
- Inspire and motivate your employees

### ORGANISING COMMITTEE:

Faye Restall, Project Manager, **Howden** Technology and Chair, **EMS 2017 Organising Committee**

Steven Young, NGNPP EC&I Power Systems Team, **Rolls-Royce Submarines**

Jonathan Moffatt, Site Continuous Improvement Leader, **GKN Aerospace (Germany)**

Philip Gallagher, Managing Consultant, **IPEX**

Adam Johnson, Mechanical Design Engineer

**BOOK YOUR PLACE TODAY**  
[WWW.IMECHE.ORG/EMS](http://WWW.IMECHE.ORG/EMS)

TERMS AND  
CONDITIONS  
APPLY

# PROGRAMME

All lectures and presentations should be attended by all delegates.

Workshops are your chance to tailor EMS 2017 to your needs as a manager, so please use the preference form on the booking page to choose the workshops you would like to attend.

Workshop and technical site visits can be found online at [www.imeche.org/ems](http://www.imeche.org/ems)

DAY 1	22 MARCH 2017
09:00–15:00	<b>TECHNICAL VISITS</b> (please see the list of technical visits on page 4)
15:00	<b>REGISTRATION</b> Registration will be open from 15.00-17.00. Room keys will be available from the registration desk from 15.00.
17:15	<b>CHAIR'S INTRODUCTION</b> Faye Restall, Project Manager, Howden Technology and Chair, EMS 2017 Organising Committee
17:30	<b>ENGINEERING CHALLENGE PART 1</b> Bob Ferguson, Public Speaker, Confident Communications
19:15	<b>DINNER</b>
20:30–22:00	<b>ICEBREAKER ACTIVITY</b>

DAY 2	23 MARCH 2017
8:00	<b>BREAKFAST</b>
9:00	<b>PROJECT MANAGEMENT</b> Speaker to be confirmed
10:30	<b>NETWORKING REFRESHMENT BREAK</b>
11:00	<b>WORKSHOP SESSIONS 1</b> Attendees will have the opportunity to attend one of the following workshops. For further information on workshop speakers and content, please visit: <a href="http://www.imeche.org/ems">www.imeche.org/ems</a>
1	<b>MEETING THE COLLABORATION CHALLENGE</b> Kate Stuart-Cox, Partner, Perspectiv LLP
2	<b>CONFLICT MANAGEMENT</b> Iain Graydon, Business Psychologist, People: Development and Growth
3	<b>COACHING TO SUPPORT PERFORMANCE AND DEVELOPMENT</b> Amanda Henderson, Global Learning & Development Manager, Howden
4	<b>LIVING LEAN</b> Stephen P. Walsh, Partner, Burge Hughes Walsh Partnership
5	<b>BE HEARD, UNDERSTOOD AND REMEMBERED</b> Teresa Dukes, Speaking Coach, Dukes Consultancy
6	<b>I'M AN ENGINEER, I DON'T NEED TO KNOW THE LAW - OR DO I?</b> Stephen Rockhill, Engineering and Construction Lawyer
10	<b>DEVELOPING AN ENTREPRENEURIAL MIND-SET - APPROACHES FOR DRIVING YOUR CAREER GROWTH</b> Dave Jarman, Teaching fellow in Entrepreneurship, University of Bristol

**For the most up-to-date and detailed programme for the event, please visit:**  
**[www.imeche.org/ems](http://www.imeche.org/ems)**

- This programme is subject to change.
- The Institution is not responsible for the views or opinions expressed by individual speakers.

# PROGRAMME

<b>12</b>	<b>UNDERSTANDING ACCOUNTING AND FINANCE FROM AN ENGINEERS PERSPECTIVE</b> Ian Joesbury, CEO, Advanced Laser Technology Ltd Ruth Bender, Professor of Corporate Financial Strategy, Cranfield School of Management
<b>12:30</b>	<b>NETWORKING LUNCH</b>
<b>13:30</b>	<b>WORKSHOP SESSIONS 2</b> Attendees will have the opportunity to attend one of the following workshops. For further information on workshop speakers and content, please visit: <a href="http://www.imeche.org/ems">www.imeche.org/ems</a>
<b>7</b>	<b>WHAT'S YOUR VIEW? THINKING ABOUT YOUR PROBLEM SOLVING AND INNOVATION PREFERENCES</b> Nikki Barker MIMechE, Associate, Perspectiv LLP
<b>8</b>	<b>FACILITATING MEETINGS</b> Iain Graydon, Business Psychologist, People: Development and Growth
<b>4</b>	<b>LIVING LEAN</b> Stephen P. Walsh, Partner, Burge Hughes Walsh Partnership
<b>6</b>	<b>I'M AN ENGINEER, I DON'T NEED TO KNOW THE LAW - OR DO I?</b> Stephen Rockhill, Engineering and Construction Lawyer
<b>9</b>	<b>PERFECTING YOUR PITCH – THROUGH NETWORKING</b> Teresa Dukes, Speaking Coach, Dukes Consultancy
<b>3</b>	<b>COACHING TO SUPPORT PERFORMANCE AND DEVELOPMENT</b> Amanda Henderson, Global Learning & Development Manager, Howden
<b>10</b>	<b>DEVELOPING AN ENTREPRENEURIAL MIND-SET - APPROACHES FOR DRIVING YOUR CAREER GROWTH</b> Dave Jarman, Teaching fellow in Entrepreneurship, University of Bristol
<b>12</b>	<b>UNDERSTANDING ACCOUNTING AND FINANCE FROM AN ENGINEERS PERSPECTIVE</b> Ian Joesbury, CEO, Advanced Laser Technology Ltd Ruth Bender, Professor of Corporate Financial Strategy, Cranfield School of Management
<b>15:00</b>	<b>NETWORKING REFRESHMENT BREAK</b>
<b>15:30</b>	<b>LECTURE 2: HOW TO TALK TO ALIENS</b> Bob Ferguson, Public Speaker, Confident Communications
<b>17:00</b>	<b>END OF DAY 2 CONFERENCE PROGRAMME</b>
<b>18:00</b>	<b>NETWORKING DRINKS RECEPTION</b>
<b>18.30</b>	<b>QUESTION TIME</b>  Take part in a lively debate with some of the most experienced and well-informed people in industry. The panel will be chaired by the Institution's very own Dr Colin Brown, Director of Engineering.
<b>19:45</b>	<b>CONFERENCE DINNER</b>

<b>DAY 3</b>	<b>24 MARCH 2017</b>
<b>08:00</b>	<b>BREAKFAST</b>
<b>09:00</b>	<b>ENGINEERING CHALLENGE PART 2</b> Bob Ferguson, Public Speaker, Confident Communications
<b>11:00</b>	<b>NETWORKING REFRESHMENT BREAK</b>
<b>11:30</b>	<b>WORKSHOP SESSIONS 3</b> Attendees will have the opportunity to attend one of the following workshops. For further information on workshop speakers and content, please visit: <a href="http://www.imeche.org/ems">www.imeche.org/ems</a>

**For the most up-to-date and detailed programme for the event, please visit:**  
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## PROGRAMME

7	<b>WHAT'S YOUR VIEW? THINKING ABOUT YOUR PROBLEM SOLVING AND INNOVATION PREFERENCES</b> Nikki Barker MIMechE, Associate, Perspectiv LLP
2	<b>CONFLICT MANAGEMENT</b> Iain Graydon, Business Psychologist, People: Development and Growth
3	<b>COACHING TO SUPPORT PERFORMANCE AND DEVELOPMENT</b> Amanda Henderson, Global Learning & Development Manager, Howden
4	<b>LIVING LEAN</b> Stephen P. Walsh, Partner, Burge Hughes Walsh Partnership
13	<b>PROBLEM SOLVING &amp; SYNTHESIS: HOW TO DEAL WITH BADLY DEFINED, COMPLEX BUSINESS PROBLEMS WITHOUT DROWNING IN WORK!</b> James Arnold, Operations Consultant
6	<b>I'M AN ENGINEER, I DON'T NEED TO KNOW THE LAW – OR DO I?</b> Stephen Rockhill, Engineering and Construction Lawyer
11	<b>DEMYSTIFYING FINANCE</b> Speaker to be confirmed, BDO
13:00	<b>NETWORKING LUNCH</b>
14:00	<b>WORKSHOP SESSIONS 4</b> Attendees will have the opportunity to attend one of the following workshops. For further information on workshop speakers and content, please visit: <a href="http://www.imeche.org/ems">www.imeche.org/ems</a>
8	<b>FACILITATING MEETINGS</b> Iain Graydon, Business Psychologist, People: Development and Growth
4	<b>LIVING LEAN</b> Stephen P. Walsh, Partner, Burge Hughes Walsh Partnership
6	<b>I'M AN ENGINEER, I DON'T NEED TO KNOW THE LAW – OR DO I?</b> Stephen Rockhill, Engineering and Construction Lawyer
13	<b>PROBLEM SOLVING &amp; SYNTHESIS: HOW TO DEAL WITH BADLY DEFINED, COMPLEX BUSINESS PROBLEMS WITHOUT DROWNING IN WORK!</b> James Arnold, Operations Consultant
3	<b>COACHING TO SUPPORT PERFORMANCE AND DEVELOPMENT</b> Amanda Henderson, Global Learning & Development Manager, Howden
11	<b>DEMYSTIFYING FINANCE</b> Speaker to be confirmed, BDO
15:30	<b>NETWORKING REFERESHMENT BREAK</b>
15:45	<b>LECTURE 4: THE MOTIVATION TO SUCCEED</b> Chris Howe, Chief Executive, ChangeMaker ISL
17:00	<b>CLOSE OF CONFERENCE</b>

## TECHNICAL SITE VISITS

On the first day you have the opportunity to visit one of the following companies to observe successful management initiatives and gain insider knowledge on engineering practice.

For further details on the technical site visits, visit [www.imeche.org/ems](http://www.imeche.org/ems)

**T1** AESSEAL, ROTHERHAM

**T2** BOMBARDIER TRANSPORTATION, DERBY

**T3** AWE, ALDERMASTON

**T4** BLADON JETS, COVENTRY

**T5** MERCEDES AMG HIGH PERFORMANCE POWERTRAINS, BRIXWORTH, NORTHAMPTONSHIRE

**T6** CATERPILLAR DEFENCE PRODUCTS (CDP), SHREWSBURY

BOOKING FORM

EVENT CODE: CON6440

EARLY BIRD ENDS  
24 FEBRUARY 2017

ESSENTIAL MANAGEMENT SKILLS  
FOR ENGINEERS 2017

22–24 March 2017

University of Warwick, Coventry

www.imeche.org/ems

REGISTRATION Please complete in capitals.

Family Name

Title (Mr, Mrs, Miss)

First Name

Job Title

Membership No

Institution

Name of Organisation (for name badge)

Address for correspondence

Town/City

Postcode

Contact Telephone

Email

Do you have any special requirements?

How did you hear about this event? ☐ Direct mail ☐ Website ☐ Colleague ☐ Other

We would like to keep you informed of relevant services that may be of benefit to you. Please tick the boxes below to let us know what you're interested in:

☐ Events and training opportunities

☐ News and updates from the Institution

☐ Services and offers from our preferred partners

FEES AND CHARGES Please complete the appropriate box.

Registration fees include 3 lectures, 4 workshops, 1 technical visit, 1 team-building exercise, and the conference dinner, as well as breakfast, lunch, refreshments and dinner each day, accommodation and a copy of the conference proceedings.

Delegate Type	Early Bird Rate Until 24 February 2017	Standard Rate
Member, Institution of Mechanical Engineers	£975 + VAT = £1170	£1150 + VAT = £1380
Member of Supporting Organisation	£975 + VAT = £1170	£1150.00 + VAT = £1380
Non-member	£1350 + VAT = £1620	£1580 + VAT = £1896

In order of preference, please indicate which of the parallel sessions you would like to attend, by inserting reference numbers in the appropriate boxes below:

	1st choice	2nd choice	3rd choice	4th choice
Technical Visit				
Thursday Workshops				
Friday Workshops				

PAYMENT DETAILS

Payment must accompany this registration form. Registration will be confirmed only on receipt of full payment.

PLEASE INDICATE METHOD OF PAYMENT:

☐ Cheque

Cheques should be made payable to IMechE and crossed. Please note international delegates may pay only by credit card, BACS or banker's draft. A copy of the draft must accompany this form. It is the delegate's responsibility to pay any bank charges.

☐ Credit Card

Card type: ☐ Visa ☐ MasterCard (please note we cannot accept American Express, Diners Club or Maestro)

Card No

Valid From

/

Expiry Date

/

Name of Cardholder

Billing Address of Cardholder (if different from above)

Postcode

Amount to be Deducted

Signature

☐ BACS

BACS bank transfers can be made to:  
**IMechE Current Account, NatWest Charing Cross Branch.**  
Sort Code: **60-40-05**                      Acc No: **00817767**  
Swift Code: **NWBKGB2L**                IBAN Code: **GB96NWBK60400500817767**  
A copy of the draft must accompany this form.

☐ Invoice (UK residents only)

Delegates wishing to be invoiced must provide an order number. If your company does not use order numbers please include a formal request for invoicing on your company's letterhead. A charge of £10 +VAT will be made to cover additional administration costs. Invoices are payable on receipt and no alterations to these terms will be accepted.

Order No

Contact Name

Name and Address for Invoicing

Postcode

Tel

Fax

FOUR WAYS TO BOOK

- 1

Online:  
www.imeche.org/ems
- 2

Email:  
eventenquiries@imeche.org
- 3

Phone:  
+44 (0)20 7973 1251
- 4

Post completed booking form to:  
**Event Registrations  
Institution of Mechanical  
Engineers  
1 Birdcage Walk  
London SW1H 9JJ**

Please read the information listed below as each booking is subject to the Institution's standard terms and conditions.

CONDITIONS OF BOOKING

Completed application forms should be returned to the address above, along with the correct payment. Attendance at the event will be confirmed on receipt of the full balance. All participants are advised to bring a copy of their confirmation with them on the day, to ensure the fastest possible entry.

SPECIAL REQUIREMENTS

Please inform us of any special requirements, ie dietary or access, on the relevant section of this form.

CANCELLATION

For a refund (minus £25+VAT admin charge), cancellations must be received at least 30 days prior to the event. Replacement delegates are welcome at any time. The Institution reserves the right to cancel any event. In this case, the full fee will be refunded unless a mutually convenient transfer can be arranged. In the event that the Institution postpones an event for any reason and the delegate is unable or unwilling to attend on the rescheduled date, they will receive a full refund of the fee paid.

The Institution is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. The Institution shall assume no liability whatsoever if this event is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For the purposes of this clause, a fortuitous event shall include, but not be limited to: war, fire, labour strike, extreme weather or other emergency.

Please note that while speakers and topics were confirmed at the time of publishing, circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. The Institution reserves the right to alter or modify the advertised speakers and/or topics if necessary without any liability to you whatsoever. Any substitutions or alterations will be updated on the event's webpage as soon as possible.

LIABILITY

The organisers do not accept liability for any injuries or losses of any nature incurred by delegates and/or accompanying persons, nor for loss or damage to their luggage and/or personal belongings.

VENUE:

This event will be held at the University of Warwick, Coventry. CV4 7AL  
024 7652 3523

ACCOMMODATION:

Rooms will be provided on the University campus.

The Institution of Mechanical Engineers is a registered charity (no 206882)  
VAT No GB299930493.