

## CONFERENCE PROGRAMME



**ROYAL  
AERONAUTICAL  
SOCIETY**

Human Factors Conference

# STAYING ALERT: MANAGING FATIGUE IN MAINTENANCE

Sponsors

**Aerossurance**



**Rolls-Royce®**

**CRANFIELD / 9 MAY 2017**

08:30 **Registration and Refreshments**

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09:00 **Opening Remarks**

Conference Chair: Stephen Bramfitt-Reid FRAeS, Safety Manager (Airworthiness) - MRO, Rolls-Royce Plc & Chairman, RAeS Human Factors: Engineering Subgroup

09:10 **Welcome and Introduction**

Prof Graham Braithwaite, Director of Transport Systems, Cranfield University

09:20 **KEYNOTE ADDRESS**

**MAINTENANCE FATIGUE RISK MANAGEMENT: FROM R&D TO REGULATORY ADVICE**

**Speaker:** Dr Bill Johnson, Chief Scientist, US Federal Aviation Administration

10:00 **1) MANAGING FATIGUE IN MAINTENANCE - CHALLENGES AND OPPORTUNITIES**

**Speaker:** Dr Paul Jackson, Managing Director, Clockwork Research

10:30 **Networking Refreshment Break**

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11:00 **2) FATIGUE IN MAINTENANCE: BRIDGING THE GAP**

**Speaker:** Anna Hemp, Safety and Compliance Surveyor, KLM UK

11:30 **3) TITLE TBC**

**Speaker:** David Cooper, Head of Engineering Operations, BA CityFlyer

12:00 **4) 'FIGHTING FATIGUE', MANAGING FATIGUE IN A MILITARY ENVIRONMENT.**

**Speaker:** James Holland, Head of Aviation Safety, RAF

12:30 **Networking Lunch**

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13:30 **WORKSHOP 1 -  
UNLATCHING HUMAN  
FAILURE**

Chris Parsons, Lead  
Air Safety Consultant,  
Atkins Global and  
Dr Marie Langer,  
Airworthiness Surveyor,  
CAA

**WORKSHOP 2 - HOW  
TO APPLY FATIGUE  
INVESTIGATION  
TOOLS TO A  
MAINTENANCE  
ENVIRONMENT**

Dr Camille Burban,  
Senior Behavioural  
Researcher and Sarah  
Booth, Principal  
Researcher, Clockwork

**WORKSHOP 3 - WHOSE  
RESPONSIBILITY IS IT?  
UNDERSTANDING THE  
INTERNAL AND EXTERNAL  
INFLUENCES IN ORDER TO  
DEVELOP OPERATIONAL  
FATIGUE MANAGEMENT  
APPROACHES.**

Kathryn Jones, Human  
Factors Programme Manager,  
CAA

**WORKSHOP 4 -  
UNDERSTANDING THE  
FATIGUE RISK POTENTIAL  
ON MAINTENANCE TASKS**

Julie Bell, Technical Lead  
(Human Factors), Health and  
Safety LaboratorY

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15:00 **Networking Refreshment Break**

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15:30 **5) FITNESS FOR DUTY**

**Speaker:** Dan Basacik, Human Factor Specialist, Rail Safety and Standards Board

16:00 **6) MANAGING FATIGUE RISK IN THE MRO**

**Speaker:** Mick Adams FRAeS, Vice President MRO Services, Etihad Airways

16:40 **Closing Statements**

Conference Chair: Stephen Bramfitt-Reid FRAeS, Safety Manager (Airworthiness) - MRO, Rolls-Royce Plc & Chairman, RAeS Human Factors: Engineering Subgroup

17:00 **CLOSE OF CONFERENCE**