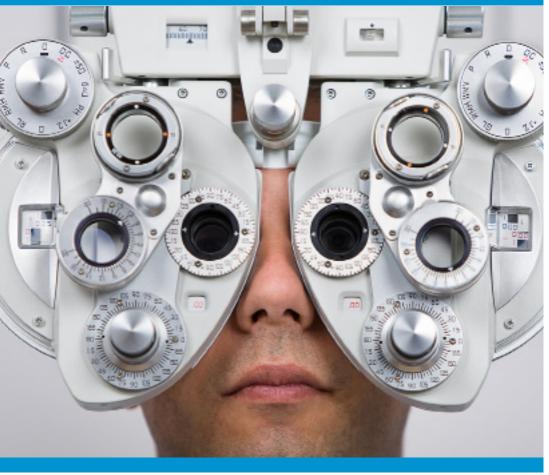
Aerospace Medicine Symposium



# ENHANCING AIRCREW PERFORMANCE

# LONDON / 5 MARCH 2013



# A ONE DAY CONFERENCE

# ENHANCING AIRCREW PERFORMANCE

The 2013 Aerospace Medicine Symposium will look to provide an overview of the current and future developments in enhancing human performance in aviation.

The one day programme will cover both medical and technical aspects of enhancing performance in the cockpit (using drugs to optimise performance; surgical procedures to optimise performance; sensors and other technologies to augment / enhance human perception) as applied to military and civilian aviation as well as space flight.

Continued Professional Development Points (CPD) are awarded for attendance.

The Symposium will be followed by the Stewart Lecture which honours the life and work of Air Vice Marshal Stewart. A networking drinks reception will follow, sponsored by Martin Baker.



## VENUE

Royal Aeronautical Society No.4 Hamilton Place London, W1J 7BQ T: 44 (0)20 7670 4345

### WHO SHOULD ATTEND

- Military and civilian medical practitioners from a diverse background
- General practitioners
- Emergency medicine doctors
- Those working within aviation medicine

#### Proceedings

Proceedings from this event are free to delegates and will be available online after the conference. Information on past conferences can be found at www.aerosociety.com/proceedings.

#### Sponsorship & Exhibition

Please contact the Conference & Events Department for details on exhibiting, sponsorship and insertion of information into delegate packs.

#### Cancellations

In the event of cancellation, terms and conditions will apply. Please go to www.aerosocietychannel.com for more details.

# PROGRAMME - 5 MARCH 2013

09.15	Registration and Refreshments			
09.45	<b>Welcome and Introduction</b> Air Cdre The Hon Richard Broadbridge, Chairman, RAeS Aerospace Medicine Group			
10.00	<b>(1) Advanced Aircraft Sensory Capability - The Lightning II Aircraft</b> Wg Cdr Willy Hackett, UK JSF Requirements Manager, Royal Air Force			
10.35	<b>(2) Future Aircraft Visual Systems</b> Dr Adrian Ball, Principal Systems Engineer, Dstl			
11.10	Networking Coffee Break			
11.35	<b>(3) Visual Aspects of Advanced Sensors and Sensor Fusion</b> Sqn Ldr Peter Morgan-Warren			
12.10	Networking Lunch			
13.10	Introduction to Session Two Wg Cdr Nic Green, Consultant Advisor in Aviation Medicine, RAF Centre of Aviation Medicine & Deputy Chairman, RAeS Aerospace Medicine Group			
13.15	<b>(4) Rhythms &amp; Space Flight</b> Prof Derk-Jan Dijk, Professor of Sleep & Physiology, University of Surrey			
13.50	<b>(5) Pharmacological Enhancement of</b> <b>Aircrew Performance</b> Dr Claire Turner, Research Scientist, Affective State Limited			
14.25	Networking Tea Break			
14.55	<b>(6) Aircrew Nutrition</b> Dr Jo Fallowfield, Head of Applied Physiology, Institute of Naval Medicine			
15.30	(7) Physiotherapy Led Aircrew Conditioning Programme Flt Lt Ellen Slungaard, Senior Physiotherapy Research Officer, Royal Air Force			
16.05	<b>Closing Remarks</b> Air Cdre The Hon Richard Broadbridge, Chairman, RAeS Aerospace Medicine Group			

# 16.15 Close of Conference

### 18.00 AIR MARSHAL STEWART LECTURE Aircrew Protective Equipment - A Century of Development Dr Michael Trudgill, Senior Medical Officer, Royal Air Force Centre of Aviation Medicine

The lecture will look at aircrew protective equipment looking at helmets, clothing and other protective equipment for the military aviator starting with leather flying caps and a mackintosh.

In addition Dr Trudgill will discuss the equipment used for the protection of airmen, exploring how it has developed from rudimentary outdoors clothing worn by Edwardian pioneers, through to the complex systems employed by present day military aircrew.



# **REGISTRATION FORM:**

Registration and secure payment can be made on-line at www.aerosociety.com/conference. Alternatively, complete one registration form per person (photocopies may be used) and return with payment to: Conference & Events Department, Royal Aeronautical Society, No.4 Hamilton Place, London, W1J 7BQ, UK

TITLE:	FIRST NAME:		SURNAME:	
POSITION:				
ORGANISATION:				
ADDRESS:				
TEL NO:		FAX NO:		
EMAIL:		RAeS MEMBERSHIP NO:		

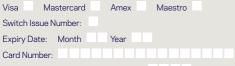
**REGISTRATION FEES:** (include refreshments, lunch and access to conference proceedings)

	Fee £	VAT 20% £	Total £
Non-Member	165.00	33.00	198.00
RAeS Corporate Partner * (inc. Armed Forces)	140.00	28.00	168.00
RAeS Member	110.00	22.00	132.00
Baseline Member	80.00	16.00	96.00
RAeS Student Member	45.00	9.00	54.00

RAeS Student Affiliate Members may attend free of charge subject to availability. \* RAeS Corporate Partners are entitled to the special offer of five places for £560.00 + VAT

### **CREDIT CARDS:**

The RAeS can accept payment on the following payment cards



Please include your CVC security code:

These are the last 3 digits on the signature panel on the back of the card or 4 digits printed on the front of the Amex card

### METHODS OF PAYMENT:

All payments should be made in Sterling (UK£).

**Online:** Registration and secure payment can be made online at www.aerosociety.com/conference

**Cheque:** Should be made payable to the RAeS and enclosed with this registration form. Please add £15 if your cheque is not drawn on a UK bank to cover bank charges/currency exchange rates.

**Bank Transfer:** Payments can be made by bank transfer into Account No. 01564641, Sort Code 40 05 22, HSBC Bank plc, Mayfair Branch, 18a Curzon Street, London W1J 7LA, UK. Please indicate on the registration form if you have paid your fees direct.

### SIGNATURE:

X