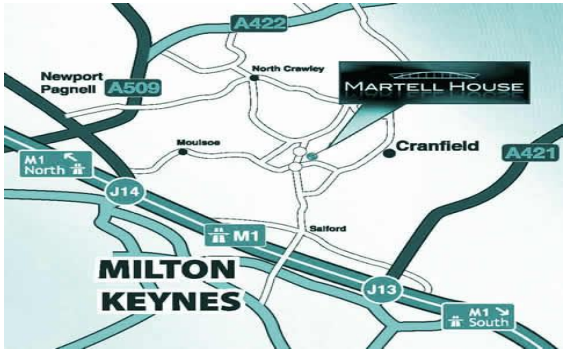
Registration

www.ercoftac.org

Location

UK Aerodynamics Centre
Martell House, University Way
Cranfield MK43 0TR, UK

T: 01234 758587
W: www.ukaerodynamics.co.uk



Take Midland Mainline trains to Bedford from London St.Pancras. A bus service is available from Bedford to Cranfield University.

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National Rail Enquiries website gives timetable information for all train operating companies.

http://ojp.nationalrail.co.uk/service/planjourney/search

Seminar fees

€540 ERCOFTAC members
€875 Non-ERCOFTAC members

This fee includes: seminar registration, seminar material, lunch, refreshments and seminar dinner. Please note that accommodation is not included in this fee.

Flow Control

SIG 20

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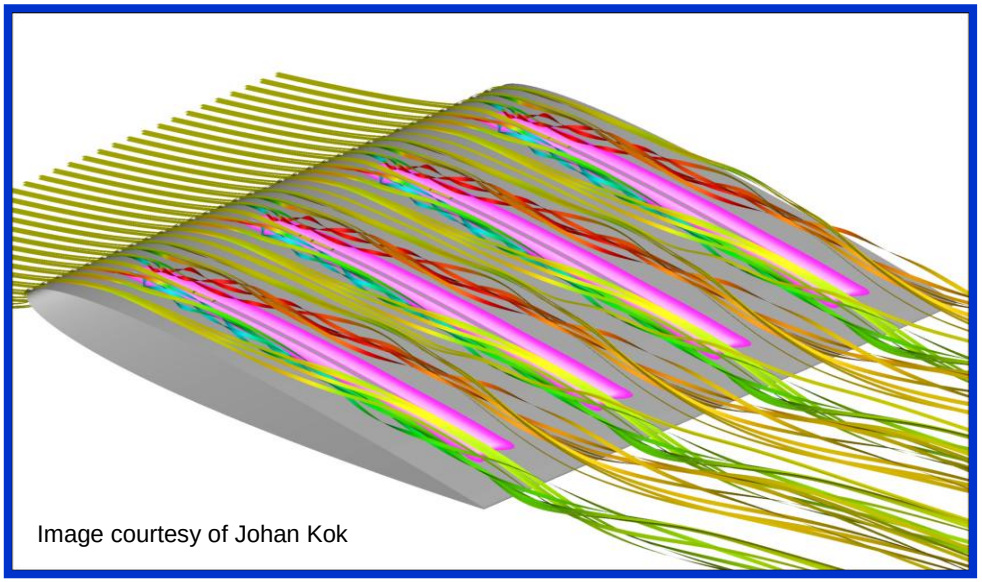

Image courtesy of Johan Kok

Course coordinator: Prof. Kwing-So Choi

9 and 10 December 2013

UK Aerodynamics Centre

Cranfield, UK

Information

ERCOFATAC, a leader in applied fluid dynamics, is proud to announce a two-day course on Flow Control later in 2013, which is one of the series of well-established ERCOFTAC Industry Events/Courses.

ERCOFTAC Flow Control Course will target industrialists, academics and PhD students, who wish to gain up-to-date understanding of flow control in aeronautics. Basic theory and applications of flow control from laminar to turbulence flows will be covered. Future progress in various techniques in controlling momentum, flow noise and heat transfer will also be reviewed.

Lecturers

Prof. Kwing-So Choi, University of Nottingham

Prof. Rudibert King, TU Berlin

Prof. Jens Fransson, KTH

Prof. Richard Sandberg, University of Southampton

Prof. Ken Badcock, University of Liverpool

Prof. Jonathan Morrison, Imperial College

Prof. Eric Moreau, University of Poitiers

Prof. Michael Leschziner, Imperial College

Prof. Maurizio Quadrio, Politecnico di Milano

Registration

Please contact CADO-ERCOFTAC at the earliest opportunity to reserve a place: Dr. Richard E. SEOUD
CADO - ERCOFTAC
Tel: +44 (0)207 559 1430
Email: richard.seoud-ieo@ercoftac.org

Programme

Day 1:

9:00	Introduction to flow control	Prof. Kwing-So Choi
9:30	Flow control theory	Prof. Rudibert King
10:30	Refreshment	
10:45	Laminar flow control	Prof. Jens Fransson
11:45	Turbulent flow control	Prof. Kwing-So Choi
12.45	Lunch	
13:45	Flow noise control	Prof. Richard Sandberg
14:45	Loads control	Prof. Ken Badcock
15:45	Refreshment	
16:00	Flow control – industrial requirements	TBA

Day 2:

9:00	Flow control with electro-active polymers	Prof. Jonathan Morrison
10:00	Flow control with plasma actuators	Prof. Eric Moreau
11:00	Refreshment	
11:15	Flow control with synthetic jets	Prof. Michael Leschziner
12:15	Lunch	
13:15	Turbulent wall flow control	Prof. Maurizio Quadrio
14:15	Q & A sessions	
15:00	Close	