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UNIVERSITY OF
Southampton
Institute of Sound and
Vibration Research

Short Courses on Human Responses to Vibration

9-12 March 2010 – Southampton, UK

Human Factors Research Unit, ISVR

The Human Factors Research Unit (HFRU) conducts fundamental and applied research, provides training, and offers advice on issues concerning human responses to vibration. Our multi-disciplinary research areas include biodynamics, ride comfort, vibration-induced injuries and motion sickness. Facilities include a motion simulation laboratory, human vibration library, and in-house developed software and hardware (HVLab).

For further information, please go to:
www.humanvibration.com
www.hvlab.com

The Courses

Three courses provide an insight into human responses to vibration in specified areas and explore applications of research.

Course A: Vehicle ride and seating (2 days)

Course B: Whole-body vibration (3 days)

Course C: Human Responses to Vibration (4 days)

The courses are ideally suited to engineers, scientists and others seeking a good understanding of human effects of vibration and related regulations.

The courses include lectures, laboratory tours and demonstrations.

Syllabus of the course is available at:
www.humanvibration.com/hrvcourse.htm

Fees

The course fees are shown on the attached enrolment form. The fee includes course notes, lunches and refreshments at the University, and a course dinner on one evening, but does not include accommodation. A list of accommodation is available on request.

Location

The courses will be held at the Institute of Sound and Vibration Research on the University of Southampton's main Highfield Campus.

Tuesday 9th March (Courses A, B, and C)

(1) Introduction of human responses to vibration
Coffee
Laboratory tour
Lunch
(2) Perception of vibration
Tea
(3) Biodynamic responses
Course dinner

Wednesday 10th March (Courses A, B, and C)

(4) Seating dynamics
Coffee
(5) Whole-body vibration and health
Lunch
(6) Vibration discomfort
Tea
(7) EU Directives
Closure of Course A

Thursday 11th March (Courses B and C)

(8) Whole-body vibration and human performance
Coffee
(9) Building vibration
Lunch
(10) Motion sickness
Tea
Demonstration of motion simulators and vibration measurements
Closure of Course B

Friday 12th March (Course C)

(11) Hand-arm vibration syndrome
Coffee
(12) Measurement, evaluation and assessment of hand-transmitted vibration
Lunch
Demonstration of diagnosis of hand arm vibration syndrome
Tea
Closure of Course C

Enrolment Form

Online form is also available at:
www.humanvibration.com/hrvcourse.htm

Human Responses to Vibration

9-12 March 2010

Name _____

Job title _____

Company _____

Address _____

Tel _____ Fax _____

Email _____

If you would like to receive other promotion information then please tick this box

Privacy policy The University of Southampton does not pass on information to any third party. The information is used in University marketing activities only in accordance with the Data Protection Act.

Course fee (Please tick one box)

- Course A: Vehicle ride and seating (9-10 March) £550
 Course B: Whole-body vibration (9-11 March) £750
 Course C: Human responses to vibration (9-12 March) £900

Payment method (please tick box as appropriate)

- I enclose a cheque payable to 'University of Southampton'
 Please invoice my company
 I wish to pay by credit card

Signed: _____

Completed forms should be returned no later than
Tuesday 23 February 2010 to:

Mrs Claire Hewitt
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University of Southampton, Highfield
Southampton, SO17 1BJ
United Kingdom

Tel: +44(0)23 8059 2277
Fax: +44(0)23 8059 2927
Email: C.Hewitt@soton.ac.uk

Please note that there will be no refund of fees for cancellations received at ISVR less than two weeks before the start of a course. For cancellations received between four weeks and two weeks prior to the start of a course, 50 percent of the fee will be refunded. Cancellations made by telephone will be accepted if confirmed immediately in writing. Personnel substitutions, however, may be made at any time.