Irish Ergonomics Society
Annual Conference and 2016

Programme

Theme “Ergonomics and Innovation in a Growing Economy”

University of Limerick
Thursday 16th of June 2016
Annual Conference 2016: Programme

8:30 Registration (tea & coffee)

**Session 1: Practitioner aspects of ergonomics**
9:00 Legal trends in defending RSI legal cases: Mr Robert Laffan, Partner Harrison O’Dowd Solicitors Limerick

9:25 Engineering and ergonomics considerations in RSI legal cases: Ms Ita Ledyen, Ledyen Consulting Engineers.

9:50 The practical application of ergonomics in a workplace setting: Abbott Vascular Clonmel: Ms Eilis Ryan, EHS Lead


10:40-11:00 Morning coffee

**Session 2: Musculoskeletal disorders and occupational ergonomics**
11:00 Invited keynote lecture: The role of sitting posture in chronic musculoskeletal disorders, Dr Kieran O’Sullivan, Department of Clinical Therapies, University of Limerick.

11:30 The role of Ergonomics in the development of innovative solutions to address risks to musculoskeletal health: Mr Frank Power, Health and Safety Authority

11:55 Relationship between social support and upper limb pain in employed and self-employed chartered physiotherapists, physical therapists and athletic therapists in Ireland: Ms Dervla Hogan, and Dr Birgit Greiner, Dept. Epidemiology and Public Health, University College Cork and Dr Leonard O’Sullivan, University of Limerick.

12:20 Addressing human performance on production line in the automotive industry: an action based research approach to identify performance shaping factors and preconditions of human errors and unsafe acts: Dr. Maria Chiara Leva DIT, Costanza Ciarapica Alunni, Dr Micaela Demichela Politecnico di Torino Italy and Dr Gianluca Alemanni IVECO Italy.

12:40-13:40 Lunch

**Session 3: User Centered Design**
13:40 The human digital model "Jack" - a powerful tool to support designers and engineers in applying a user centred or universal design process: Dr Sonja Hermann, Dept. Electrical and Electronic Engineering, Trinity College Dublin, The University of Dublin.

14:00 Human Body Size - Worldwide and regional design ranges for use in product standards: Mr James Hubbard, Centre for Excellence in Universal Design, National Disability Authority.
14:20 User centered design of an innovative ostomy care device to prevent skin complications: Ms Rhona Hunt, Dr Kevin Kelleher and Dr Leonard O’Sullivan, Design Factors Research Group, University of Limerick

14:40 Applying the concept of comfort and discomfort measurement to dentistry: Wear comfort of a splint for Bruxism, Dr Sonja Hermann, Dept. Electrical and Electronic Engineering & Dr. Padraig McAuliffe, Mr Rory Boyd & Prof. Brian O’Connell, Dublin Dental University Hospital, Trinity College Dublin, the University of Dublin

15:00 – 15:15 Afternoon tea/coffee

Session 4: Human Factors in work systems design

15:15 The psychological effect on employees of their increasing surveillance at work: Ms Rachel Fetherston and Dr Thomas Waldmann, Department of Design and Manufacturing Technology, University of Limerick.

15:40 Team cohesion and communications in Surgery: Re-designing the WHO Surgical Safety Checklist (SSC) to support teamwork, patient safety and Safety 2 practices: Dr Joan Cahill Trinity College Dublin and Dr Pat Conroy, Ms Cait Tobin and Ms Claire Dardis: Adelaide and Meath incorporating the National Childrens Hospital.

16:05 If machines could set goals, could they replace people at work?: Ms Anne Marie Keaney and Dr Thomas Waldmann, Department of Design and Manufacturing Technology, University of Limerick.

16:50 End of conference

17:00 Irish Ergonomics Society Annual General Meeting (Members only)

How to register
Visit www.irishergonomics.com and pay the appropriate fee via Paypal noting the attendee’s name.

Registration fee
IES members €40
Non IES members €80
Students/retired/unwaged €25

If you would like to pay the registration fee by alternative means please contact the conference co-chair by email at leonard.osullivan@ul.ie or by telephone on 061-234249.
Deadline for registration: Friday 3rd June.

Venue and catering
Website: http://www.pavilion.ie/

Map attached: The Pavilion is marked #36 on the attached map. Note this is on the North side of the campus in Co. Clare. The route is marked in a red line on the map.
Parking: There is plentiful free public parking at the Pavilion in the spaces marked P25, 26 and 27.
Special dietary requirements: If you have any special dietary requirements please inform leonard.osullivan@ul.ie before the conference.