

About the Irish Ergonomics Society...

The Society is an interdisciplinary non-profit, non-political, non-union, non-confessional organisation of professional people involved in the ergonomics field. The Society promotes the discovery and exchange of knowledge concerning the characteristics of human beings that are applicable to the design of systems and devices of all kinds. It furthers the scientific consideration of such knowledge in the assignment of appropriate functions for humans and machines to perform, whether people serve as operators, maintainers, or users in the system. It advocates the systematic use of such knowledge in the design of interactive systems of people, machines and environments to ensure their effectiveness, safety, health and ease of performance.

Parallel Session Proceedings

Behavioural Safety

13.15 The role of the ABC Analysis in Incident Investigation

Lucy Dodd (Intel)

13.40 Creating a Safety Culture – What are the consequences

Dr. Denis O' Hora (National University of Ireland, Galway)

14.05 The effects of Goal Setting on Feedback Requests

Triona Tammemagi (National University of Ireland, Galway)

14.30 "There's an App For That" - The Potential of Phone Application Driver Monitors to Measure and Improve Young Driver Behaviours

Dr. Kiran Sarma/Aoife Kervick (National University of Ireland, Galway)

Ergonomics

13.15 EMG Study of Shoulder/Neck Work in Electricians

Denis Phelan (University of Limerick)

13.40 Muscle Fatigue, An Early Warning System for the Prevention of Occupational MSDs

Dr. Fiona Moclair (Intel)

14.05 Application of Biomechanics in Product Development – A Case Study

Dr. Ciaran Simms (Trinity College, Dublin)

14.30 Ergonomics and Lean Manufacturing Processes

Kevin Fitzgerald (Boston Scientific)

Human Factors

13.15 The Role of Human Factors in Performance Management and change in Aviation

Dr. Chiara Leva (Trinity College, Dublin)

13.40 Process Redesign in a Diagnostic Lab Prior to Automation: Human Factor Considerations

Ursula Fox (Mater Misericordiae University Hospital)

14.05 Human Factors in the Equipment Qualification of Medical Device Manufacturing Equipment

Dermot Hale/Enda Fallon (National University of Ireland, Galway)

14.30 Introverts make better decisions when the outcome is uncertain or risky

Dr. Thomas Waldmann (University of Limerick)

17th May
2012

Intel
Ireland,
Leixlip,
Co. Kildare

Registration
8 am – 9 am

Opening
Address 9 am

Contact Details:

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“Why do people do what they do?”

Behavioural Safety, Ergonomics and Human Factors in the Workplace



About the speakers....

MICHAEL BROSANAN, RESEARCH MANAGER, ROAD SAFETY AUTHORITY – Michael is a member of the FERSI (Forum of European Road Safety Research Institutes), IRTAD (International Transport Forum: International Traffic Safety Data and Analysis Group) and CARE. **HOWARD LEES, CEO HOLLIN CONSULTING & CO FOUNDER OF THE BMT FEDERATION** - leading behavioural management consultancy in the UK and Founding Member of the Behavioural Management Techniques Federation. **DR. MAUREEN GAFFNEY, CONSULTING PSYCHOLOGIST & AUTHOR** - Maureen having a background in clinical psychology is a popular speaker on change management, emotional intelligence, 'gender at work' and on work/life balance. She is a well-known Irish broadcaster, writer and columnist and author of best-selling book - Flourishing.

IRENE O'BYRNE MAGUIRE, STATE CLAIMS AGENCY – Irene is a clinical risk adviser in the Clinical Indemnity Scheme. The scheme manages clinical/risk management in the public health sector. The C.I.S is part of the State Claims Agency.

Also Speaking...

Dr. Len O' Sullivan, Denis Phelan, Dr. Thomas Waldmann (University of Limerick), Dr. Denis O'Hora, Triona Tammemagi, Dermot Hale & Enda Fallon, Dr. Kiran Sarma & Aoife Kervick (National University of Ireland, Galway), Dr. Fiona Moclair, Lucy Dodd (Intel), Dr. Ciaran Simms, Dr. Chiara Leva (Trinity College, Dublin), Kevin Fitzgerald (Boston Scientific), and Ursula Fox (Mater Hospital).

BRIAN PRUITT, SENIOR TECHNICAL MANAGER, INTEL IT - Brian specialises in speaker independent speech recognition. In his current role, he is using speech recognition to proactively address ergonomic issues by affecting a behaviour change in the user allowing for the greatest long-term acceptance.

PATRICIA MURRAY, ORGANISATIONAL PSYCHOLOGIST HEALTH & SAFETY AUTHORITY – Patricia develops programmes for handling workplace stress and bullying complaints through policy development and visits. She advises in human factors, workplace errors, and accident causation

CORA McCAUGHAN, DEPUTY DIRECTOR, SERIOUS INCIDENT MANAGEMENT TEAM LEAD, HEALTH SERVICE EXECUTIVE – Cora is the Deputy Chair of the National Incident Management Team, in the Quality and Patient Safety Directorate of the Health Service Executive in Ireland. She is member of the IES and currently attending a PhD programme in Human Factors in Trinity College Dublin.

BOOKING FORM – advanced registration and payments required in all cases.**Date:** 17th May 2012**Venue:** Intel Ireland, Leixlip, Co. Kildare**Conference Fees:** €150 (Conference Delegate)

€100 (Irish Ergonomics Society Member)

€40 (OAP/Student)

Online payment available @ www.irishergonomics.com**Or Cheques payable to: Irish Ergonomics Society****Name:****Affiliation:****Email Address:****Contact No:****Any Special Dietary Requirements:**Please choose one parallel session: Behavioural Safety Ergonomics Human FactorsSend completed Booking Form & relevant fee, if not using the online payment facility before the 11th May, to: Dr. Fiona Moclair, EMEA EHS, IR5, Intel Ireland, Leixlip, Co. Kildare, Ireland or via email. (Contact details overleaf)**Session One: Behavioural Programmes – Their Principles and Practicalities****9.30 Changing Behaviour: Ireland – Strategic Policy to Road Safety, 1998 – 2012.**

Michael Brosnan, Road Safety Authority.

9.55 Behavioural Science Applied to Business and Safety

Howard Lees, CEO Hollin Consulting & Co-founder of the Behavioural Management Techniques Federation.

10.20 The Importance of Underpinning Behavioural Safety Programmes on Scientific Principles and Company Health and Safety Management Systems

Patricia Murray, Senior Psychologist, Health & Safety Authority.

Session Two: Novel Approaches in Human Factors and Ergonomics**11.05 Human Factors in Healthcare Matters - Needs and Consequences**

Irene O'Byrne Maguire, State Claims Agency/Cora McCaughan, Serious Incident Management Team Lead, Health Service Executive.

11.30 Behavioural Change in Utilising Speech Recognition to Prevent/Treat Musculoskeletal Disorders

Brian Pruitt, Intel Senior IT Technical Manager.

11.55 Lunch**13.00 – 15.15 Parallel Sessions in Behavioural Safety, Ergonomics or Human Factors.**

(See details overleaf)

Session Three: The Power to Instigate Change**15.25 Flourishing: The Art and Science of Being at Your Best**

Dr. Maureen Gaffney, Consulting Psychologist and Author.

15.50 Closing Address – Dr. Len O'Sullivan, Chair of the Irish Ergonomics Society**16.15 Irish Ergonomics Society AGM**