



The Irish Ergonomist

Newsletter of the Irish Ergonomics Society

<http://www.irishergonomics.com>

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• THE NEWSLETTER

This is the last issue of the newsletter that will be distributed as hard copy. If you wish to receive further copies, please send your email addresses to

Sara.Cox@ul.ie or to
Leonard.O'Sullivan@ul.ie

If members do not have access to email then please let me know and an alternative arrangement will be made to accommodate them.

The Newsletter will also be published on the web page <http://www.irishergonomics.com>

*Contributions needed: articles, book reviews, upcoming conferences etc.
Send to :*

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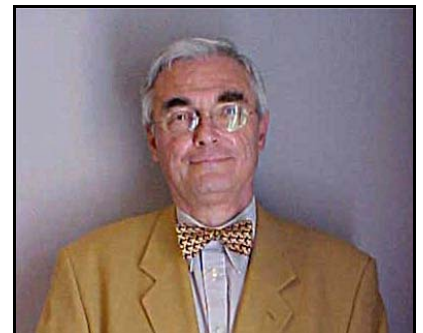
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Feature Personality:

DR. DAN MURPHY MIES

Former HSA Director turns Freelance Consultant



Dr. Dan Murphy has been an associate member of the I. E.S. since its inception. He qualified in Medicine at University College Dublin in 1965. During his internship at St. Vincent's Hospital Dublin he worked in Rheumatology and first gained experience of back pain and back pathology. He subsequently worked in hospitals in Texas and Folkestone before entering general practice in Dover.

Not long afterwards he started his career in Occupational Medicine at the British Airways Medical Service at Heathrow Airport in January 1969. While working at Heathrow he attended the London School of Hygiene and Tropical Medicine and took the Diploma in Industrial Health in 1971. His work at Heathrow included being passenger medical officer in a unit next to Terminal three. He left to join the Employment Medical Advisory Service of the United Kingdom Health and Safety Executive in April 1975. His work here included policy development in audiology and underwater medicine.

He returned to Ireland in June 1976 as the first Industrial Medical Adviser at the Department of Labour Industrial Inspectorate. His early activities involved an extensive programme of factory visits where health risks were a possibility. He

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was involved in the prevention of Brucellosis, then a significant problem in the meat factories. He left the Department of Labour to become Medical Officer to the E.S.B. in 1979. He returned to the Department of Labour to the new post of Director of Occupational Medical Services in late 1981. He transferred to the Health and Safety Authority at its inception in 1989. His work included working with Gerry Holmes on the medical aspects of the manual handling and display screen Regulations.

He is now taking early retirement to work as a freelance consultant in Occupational Health. (E-mail dan@merrionoh.ie)

The IES wishes Dan the best in his venture and acknowledges his support of Ergonomics and contribution to the IES throughout his tenure at the HSA

Feature Article:

2004 Annual Conference and AGM @ NCAD, Dublin

THE IRISH ERGONOMICS REVIEW 2004

Proceeding of the Irish Ergonomics society conference 2004

Ed. Dr. Leonard W. O'Sullivan & Steve Chan

The IES annual conference was held in the National College of Art and Design, Dublin on Friday 26 March 2004.

The conference was well attended with a total of 34 delegates. The session was split into three main parts with a session on design ergonomics in the morning followed by a keynote speech by Professor Tim Galloway; then human computer interfaces (HCI). After lunch there was a session on manual handling. This was followed by the IES Annual General Meeting.

Professor Tim Galloway gave a keynote speech on "the role of Ergonomics today." in which he looked at the history of ergonomics and how it has grown and changed over the years to encompass new areas. He gave an insight into the possible future role of Ergonomics.

There were three papers in the design ergonomics section of the conference. Mr. Gearóid Ó Conchubhair gave a very interesting overview of his work in designing a chair for orchestral players who have to maintain their seated posture for long hours

during practice and performance. Mr. Pdraig O'Flynn gave a talk on the legislation relating to injuries resulting from vibration due to the long term use of hand tools which vibrate. Mr. Eoin Herilhy gave an overview of "the governance of Public Policy and Legislation with regards to accessibility of the Built Environment." He related the legislation to current good and bad practice illustrated with relevant pictures. Altogether an interesting talk.

The HCI (Human computer interface) group from the University of Limerick, Interaction Design Centre, comprised Michael Cooke, tutor, Ian Egerton, Aoife Ludlow, Tomás Finneran, Cormac Mulhall, and Dermot McInerney, MA students.



Michael Cooke presenting at the conference

Michael described the cooperative evaluation methodology used in the course for the evaluation of products and the students presented case studies where they had used the "talk aloud" methodology.

The afternoon session was devoted to manual handling. Deirdre Corby from the School of Nursing, DCU, Dublin gave a talk on "a corporate perspective on approaching and managing manual handling in Irish healthcare organisations". This included management, training, risk assessment and the use of manual handling equipment. Mr. Frank Power from the Health and Safety Authority gave the last talk of the day in which he examined "manual handling in the Irish workplace: issues and findings from a detailed inspection programme".

The abstracts will be published on the website <http://www.irishergonomics.com>

And copies of the Irish Ergonomics Review, proceedings of the conference can be obtained for €10.00 from :

Dr. Leonard O'Sullivan,
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University of Limerick, Limerick, Ireland.
Email: Leonard.O'Sullivan@ul.ie

REPORT ON THE IES ANNUAL GENERAL MEETING 2004

The annual General Meeting was attended

by 18 members. The minutes were approved and there were no matters arising. The treasurer's report was presented and the accounts accepted but the issue of validating the number of existing members was raised and also that of recruiting new members.

The Chairman's report was discussed (see synopsis)

The new committee was proposed and elected.

The main item of change was a change to the constitution of the IES to allow a new membership category: that of affiliated Corporate Membership. This was passed and it was agreed that the subscription would be 2.5 times the registered membership fee.

IES CHAIRMAN'S REPORT 2004 – SYNOPSIS

IES Committee

The new Committee met four times from June 2003 to March 2004, setting four main objectives as follow:

- To strengthen links with existing membership
- To re-assess and to address needs of current and potential members
- To review IES management and administrative procedures
- Broadening the scope of the Society to be a Society for ergonomists, as well as for ergonomics.

Membership:

Eight (8) new membership applications have been processed during this period, 4 Members, 2 Associate Members and 2 Student Members.

The Committee intends to set up an enhanced membership database to update membership categories, contact details and members' interests and specialisation. This information will also facilitate a Membership Register to be put on the IES Website. A form to collect the above information was sent to all members together with the last Newsletter in December 2003, it is also available from the IES website www.irishergonomics.com. *Please complete the form and return to us as soon as possible. Your cooperation is required to enable us to achieve our goals effectively.*

Newsletter:

To save labour and mailing costs, it is envisaged that an electronic version of the

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Newsletter will replace the current hardcopy version over 2004/5. Members who do not have email facilities will continue to receive the hardcopy version.

Website

The new IES website www.irishergonomics.com is now up and running, although it still requires a lot more work to input information under various headings. All members are encouraged to contribute to the IES website, simply email your suggestions to Dr Leonard O'Sullivan at Leonard.osullivan@ul.ie or to the Newsletter editor, sara.cox@ul.ie.

Ergonomics in Schools

The research project funded by the National Centre for Technology in Education (NCTE) has been completed. Sara Dockrell, chairperson of the Group, presented papers based on the survey results at:

- The IES Annual Conference 2003 in NUI Galway
- The IEA Congress in Seoul, Korea in August 2003

The Group plans to further disseminate/exploit the results and to explore potentials for further research proposals.

Manual Handling

The WG met in July and in September 2003 but was unable to agree on the 'Terms of Reference' as requested by the Committee. The Society should be active and proactive in Manual Handling research as it continues to be an important issue at the workplace and in the courts. At the recommendation of the Committee, the MHWG was disbanded, and that a new "group" will be established under a different structure with a view to facilitate more efficient and focused debate/research of important issues. It is hoped that the IES, through this new group, will be able to contribute to the HSA Manual Handling Initiative and be involved in the development of guidelines, standards and legislation within the Irish context.

International Ergonomics Association (IEA):

Enda Fallon was the IES representative at the IEA Council. The next meeting is scheduled to be in Portugal in August.

Federation of European Ergonomics Societies (FEES)

The IES continues to be a full member of FEES and Dr Leonard O'Sullivan was the IES Representative at FEES. The next meeting of FEES members will be in June 2004 in Paris.

Centre for Registration of European Ergonomists (CREE)

Rob Saunders was the IES representative in CREE. The next meeting will be held in Paris in June 2004 where CREE is also hosting its first forum/conference (www.cree).

Conferences

The Committee is currently exploring a number of options and the possibility of linking with ergonomics related institutions to co-host the next national conference, probably in 2005.

Workshops

One of the important roles of a professional Society is to facilitate knowledge and skill updates for its members to enhance their professional practice. The Committee is exploring the practicality and the cost implications of holding such workshops. If you have suggestions regarding suitable topics for these workshops, please send them to Steve Chan chans@ncad.ie

A Society for Ergonomics

Ergonomists routinely interact with many other professional disciplines as an integral part of their work. It is important therefore that the IES welcomes interests shown by related disciplines such as design, engineering and safety and health professionals. A new category of Corporate Membership was proposed and passed at the AGM. Companies is now able to apply to become corporate members and can be kept informed and in touch with current ergonomic issues and development.

Review of IES Infra-structure

A review of management and administrative procedures of the IES is being undertaken aiming to simplify procedures for Membership application and for enhancing administration of Expert Working Groups and sub-committees.

In Conclusion...

Over the last nine months, the current Committee has started a process of reviewing and reforming. We took important steps toward facilitating means to enhance communication between members and their Society; to enable the Society to become more accessible and inclusive. We have also begun the process of updating our administrative procedures that should enable the Society to function more efficiently and effectively. However, to succeed, your assistance and support is vital over the next two years if we are to transform our Society to elevate its status and credibility in the eyes of industry and legislators.

Steve Chan, March 2004

IES NEWS

New Committee

The new committee elected at the IES AGM is as follows:

Mr. Stephen Chan - Chairman
Dr. Leonard O'Sullivan - Secretary
Mr. Gerry Holmes - Treasurer
Ms. Eleanor McMahon
Ms. Fiona Moclair
Dr. Sara L. Cox - Newsletter editor.

1 other member to be elected.

IES Chairman Invited to present a paper at first CREE Forum

Mr. Stephen Chan was invited to present a short paper on "Marketing the Ergonomics Profession" as a panel member at the 1st European forum for Professional Ergonomists in Paris in 4th & 5th June 2004

A summary of this is given below:

1st European Forum for Professional Ergonomists

Tentative conclusions

Philippe Mairiaux
CREE president
Paris 5th June 2004

The Forum - which meaning ?

■ An organisational (CREE chairman) point of view

■ Two interpretation grids for drawing lessons from this Forum :

- **Confronting the "conference" aims (celebration of an anniversary, networking Eur.Erg.'s, paving the way for the future) with its achievements**
- **The ergonomics intervention model**

The ergonomics intervention model

■ Definition of the will and search for feasibility (Daniellou)

■ Involvement of real users as early as possible (Springer, Wood, Daniellou, and others)

■ Reflexion on action (Daniellou)

■ Clear goals (Juvás)

The ergonomics intervention model applied to the Forum

■ Definition of the will and search for feasibility (Daniellou)

■ **What is and what will be our will ?**

■ **Feasibility : suggestions and proposals to be put into practice by whom ? CREE Council ? CREE**

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Board ? FEES ? The Forum participants ?

■ Involvement of real users as early as possible (Springer, Wood, Daniellou, and others)

■ *Is 10 years early involvement ?*

■ *Who are the users ? Eur.Erg.'s ? Professional ergonomists ?*

Celebrating an anniversary

■ The founding fathers presence together with the enthusiasm and commitment of the new generation of ergonomists
■ Friendly atmosphere and lively exchanges inside and outside the conference room
■ High quality contributions from the speakers table and from the audience ; a vivid confirmation of the quality level associated with Eur.Erg. certification

Celebrating an anniversary

■ Discovering each other and realising that our practices, sometimes very different, are encountering very similar barriers and that in fact they are based on a common set of values

Marketing ergonomics (topic 1)

■ Making compulsory the wearing the CREE shirt in public events ?
■ Knowing better ourselves
■ Identifying better the focus of our profession
■ Promoting the case of ergonomics to the outside world

Marketing ergonomics - knowing better ourselves

■ Survey among Eur.Erg.'s : a 1st step to better know ourselves. Whatever the results of the ongoing analysis, the picture will be partly biased.
■ It will be up to us to appreciate to what extent this survey may help in marketing our profession to the outside world.

Marketing ergonomics - knowing better ourselves

■ Finding ways to explore the diversity of ergonomics practices among the professional ergonomists in the various countries: another Forum ? An interactive forum discussion on the web ? *Your suggestions are welcome !*
■ Analysing at regular intervals (every 3 yrs?) the representations of ergonomics among the public ? A challenging research project to be conducted in a collaborative manner in all EU countries involved in CREE ?
Marketing ergonomics – identifying the focus of our profession
■ Describing in understandable terms the

shared wishbone of our craft (Chapat), explaining why we love the “art” of ergonomics (Marmaras)

■ Accepting with courage to put some boundaries to the scope of ergonomics (Eason) while keeping an holistic approach and departing from a reductionist one
Marketing ergonomics – promoting the case for ergonomics

■ Taking more and more into account the management thinking (added-value chain, R. O.I., cost/benefit, ...) ; obvious historical shift from a scientific approach (applying theories) towards economic (and social!) thinking models

■ Increasing awareness of ergonomics and its benefits among the general public in order to engineer a social pressure for regulatory changes

Marketing ergonomics – promoting the case for ergonomics

■ There are many case examples of very effective ergonomics interventions
■ Should they remain for ever the personal “stock of cases” of experienced professionals ?

Marketing ergonomics – promoting the case for ergonomics

■ Possible focal points of our marketing efforts :

- Usability testing of new products
- Design of complex systems (i.e. aircraft cockpits) : ergonomics expertise made compulsory
- Ergonomics expertise in litigation cases (claim for occup. diseases,)
- Ergonomist participation to public enquiries about large scale accidents

Marketing ergonomics – promoting the case for ergonomics

■ Avoiding reinforcing classical image of ergonomics : OHS problems, added value only seen for the workers, chair design,
■ Selecting a series of cases showing the ergonomics impact on systems performance (in various countries and sectors) and editing it with the support of the EU Agency for Health and Safety ?

Factors in successful interventions

■ Resource-related (Wood) : time, access to users, ...and the ergonomist competency
■ Ergonomist competency : mastering knowledge and methods, but also social skills (Daniellou, Villena-Lopez, others..)
■ The ergonomist-client relationship ; transforming the initial demand
■ The users involvement

Factors in successful interventions

■ The design cycle and the stage at which ergonomics is invited

■ The performance measures used to assess the intervention “success”
■ The report to the client : content, language, Factors in successful interventions – questions to the profession
■ How to train social skills when educating students in ergonomics ?
■ How to integrate a management approach in professional practice ?
■ Should adapted certification criteria include in the future those components of competency ?

Keeping up with new issues

■ World entering a new “progress” phase: technical progress is no more systematically associated with human development (global competition, pressure for performance, downsizing, precarious work status, relocation of economic activities) (Novarra); health inequalities are now increasing in developed countries

■ What role for ergonomics in such a world ? (The dilemma between employment and profitability)

Keeping up with new issues

■ The ethical perspective : can the ergonomist focus his activities on technical objects or processes (even virtual) and ignore the organisational determinants ?

■ Ethics and code of conduct : can, should the ergonomist say NO to some requests (Villena) ?

■ Ergonomics as an essential component of a sustainable development strategy (Michez)?

Keeping up with new issues

■ Next Forum for Professional Ergonomics to be held in a virtual environment (Eason)? Will we succeed in creating a virtual Sorbonne square with all the sensory inputs we benefited at lunchtime?

■ Will we someday experience virtual trust and empathy ? Do we aim at such an evolution ?
Next steps ?

■ Assessing the feasibility of the numerous suggestions and appeals put forward by the participants ! CREE and FEES are non-profit organisations whose board members are active during their spare time...

■ Need to empower everybody in the efforts that have to be made
Next steps ?

■ Building up a systematic collaboration between CREE and FEES and allocating to each body well defined tasks

■ For the academics : increase the offer of M.Sc ergonomics courses , adapt courses to the “Bologna model”, train other professionals in ergonomics (Berns)

Next steps ?

■ Disseminating the ideas and views discussed during the Forum :

■ Proceedings posted on CREE web site ?

■ Editing contributions in an ergonomics journal?

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- Building new avenues based on those ideas
- Planning a 2nd EuFoPErg ? Would some Eur. Erg.'s take the lead (instead of CREE people) for preparing the event ?

Membership Issues:

Membership Certificates

Paid-up members not previously issued with certificates, please contact:

Dr. Leonard O'Sullivan

Email: Leonard.O'Sullivan@ul.ie

Tel: +353 61 234249

New Members

The IES would like to welcome the following new members to the Society:

Aisling Finucane	UL, Student Member
Imelda O'Leary	UL, Student Member
Roger Noonan	Student Member
Julie McCrea	Student Member
Elizabeth Doyle	Associate Member
Peter Brady	Associate Member
Frank Long	Associate Member
Henry Poskett	Associate Member
Patrick O'Brien	Associate Member
Padraig Flynn	Member

19 new members sine 06/03

Since June 2003, there have been 19 new member applications processed and accepted.

IES Working Group news:

- **The Ergonomics in Schools Group**

See *Chairman's report*

- **The Manual Handling Group**

See *Chairman's report*

- **The New Web page**

The web address is

<http://www.irishergonomics.com>

Currently a membership pack can be downloaded from the site. You will need to be able to unzip it and to have a PDF reader to access the files. *Please let us have your comments on the Web page and suggestions for improvements or additional information that you would like to see there.*

Send to Leonard.O'Sullivan@ul.ie

Academic Focus:

Still waiting for someone to volunteer their thoughts on work and research in ergonomics in their academic institution.

What's happening out there: INTERNATIONAL ERGONOMICS ASSOCIATION



International Ergonomics Association

Headlines from the IEA newsletter:

Here are some of the headlines from the IEA newsletter November 2003.

IEA/Liberty Mutual Prize awarded for low back pain research

(From Research to Reality, Volume 6, No. 6)

Selma de Ridder, co-winner of the Liberty Mutual Medal *(From Research to Reality, Volume 6, No. 6)*

Iq Nobel Prize for Ergonomics Research

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IEA2006: will this ergonomics congress really be ergonomic?

(Maastricht 10 -14 July 2006)

For further information on the above articles please use the IEA web address

[Http://www.iea.cc/](http://www.iea.cc/)



IES Representative
Rob Saunders

CREE held its last (24th) Council meeting in Athens on the 21-22 November, 2003. As usual, the majority of the meeting was devoted to reviewing new EurErg applications, and those applying for re-registration: a total of 25. Four of our EurErg's were to reapply in Athens, but unfortunately, none were ready in time and so have to wait for June '04.

As usual at Council meetings, each country presented a short summary of what has happened in the preceding 6 months. These can be read in 'National Reports' on CREE's website [www.eurerg.org].

The other main item in Athens was, of course, the 10th anniversary of CREE and the Forum for Professional Ergonomists that is taking place in Paris in June 4-5. Since the Forum is aimed at ergonomists (EurErg and/or otherwise), its focus is aimed at the profession rather than at the practice: it is not intended as a scientific gathering, but rather as an interactive symposium. Three parallel sessions will be held: (i) Marketing the Profession; (ii) Factors in Successful Interventions; and (iii) How to Keep up with Trends & Emerging Issues. Each session will hear two main presentations, a keynote speaker, and a response by a 'rapporteur'. Following from this, the panel of 4 individual speakers will give short (circa 10 minute) presentations. Finally, the sessions' Chair will convene a panel discussion on the topics that emerged. Regarding Ireland's involvement, I am part of the organising committee and will chair session 3 - 'Emerging Issues'. Our IES Chair (Steve Chan) has also been invited to take part in Panel 1 - 'Marketing the Profession'.

Attending will cost €75 for EurErg, €150 for all others, including Fridays gala dinner. Any queries whatsoever, please get in contact with me: (091 - 770030 or rob.saunders@ergo.ie).

The next Council meeting is in Paris during the Anniversary Forum. Hope fully we (Ire) will have another new EurErg, and I will also have some information on the CREE process of accrediting third level institutions, which are involved in ergonomics or closely related fields.



federation of
european
ergonomics
societies

IES Representative
Leonard O'Sullivan

FEES has existed since May 2003! The "green light" was given by our members to start formally; afterwards confirmed by the IEA Council in Seoul which unanimously supported the European initiative.

Meanwhile the FEES-Executive has started with the implementation of the various objectives such as:

- The user-friendly FEES-website;
- The preparation of the next FEES conference session in 2004;

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- Contacts between EU and FEES;
- The inventory of existing experience at our members with EU organisation;
- Involvement in the preparation of IEA 2006.

Besides the relation with the EU, another very important reason to start FEES is the mutual cooperation and coordination between the members. The Executive plans to have a personal meeting/talk per society with all the members in the forthcoming period, in order to get a good and actual idea what is felt to be important; to discuss and prioritise members existing wishes and ideas and the role FEES can play in this. It is planned to combine these talks with other activities to save costs ! For the same reason, each member of the executive? will meet a limited number of members. The Executive are convinced that a face-to-face meeting about the support FEES may give to member societies and the support these may give FEES can be very fruitful!

Each member of the Executive will try to make an appointment with the President and FEES delegate of member societies. It is envisioned that this "talk-campaign" will finish by April 2004, in order to present the results at the next FEES Council, approximately in June 2004.

The FEES Executive:

Pieter Rookmaaker	-	President
Clas-Håkan Nygård	-	Secretary
Dirk Delaruelle	-	Treasurer

HSA news:

Frank Power

The HSA has been working on a detailed Inspection programme for evaluating Manual Handling in the Irish workplace. The initial Manual Handling inspection programme was completed during the period February –July 2001. A report has now been produced that shows the findings of this detailed Inspection Programme. The work will continue with the introduction of a prevention strategy.

Ref: Francis P. Power, Manual Handling in the Irish Workplace: Issues and Findings from a Detailed Inspection Programme, Irish Ergonomics Review, 2004.

Abstract available on <http://www.irishergonomics.com>

Or the full paper is available in the Irish Ergonomics Review from Leonard.O'Sullivan@ul.ie

Events Diary:

2nd Ed. International Encyclopedia of Ergonomics and Human Factors
<http://www.louisville.edu/speed/ergonomics/ency2005/>

Dear Colleagues:

I am hereby inviting you and your colleagues to contribute to the 2nd edition of the Int. Encyclopaedia of Human Factors and Ergonomics in the following categories:

- 1) technical articles in your respective areas of expertise
- 2) an article (a biography and a black-and-white photograph) about:

A) late ergonomists (those who are not with us anymore), or

B) those who have already retired from the active service who have made outstanding contributions to the field of HF/E in your country and internationally.

Please note that all details about the writing requirements and deadlines are on the web site:

<http://www.louisville.edu/speed/ergonomics/ency2005/>

I would also very much appreciate if you could please:

- publicize the Call for Papers in your respective country, and
- invite those colleagues of yours that you feel are able to and should contribute to the 2nd edition of Encyclopaedia.

Please let the Assistant Editor, Ms. Bohdana Sherehiy

[<b0sher01@athena.louisville.edu>](mailto:b0sher01@athena.louisville.edu)

know as soon as possible about your planned or potential contributions.

With Best Wishes,

Waldemar

Prof. W. Karwowski, Editor

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Chair, IEA Awards Committee
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www.louisville.edu/speed/ergonomics
www.iea.cc

HAAMAHA'2004, the 9th International Conference on Human Aspects of Advanced Manufacturing Agility & Hybrid Automation.

The Conference will be hosted by the Department of Industrial Engineering, at the National University of Ireland, Galway (NUI Galway), Ireland, 25-27th of August 2004. The Theme of the Conference this year is "Human & Organisational Issues in the Digital Enterprise". In addition to the published conference proceedings, selected papers will be published in a special issue of the "International Journal of Human Factors and Ergonomics in Manufacturing". The specific theme of HAAMAHA'04 does not preclude contributions in other areas traditionally associated with this conference and all such papers are welcome.

For further general information, please contact:

The Centre for Occupational Health & Safety Studies (COHSS)

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Conference facilities at NUI Galway:

Web: www.nuigalway.ie/conference

Ergonomics Congress of Portuguese Speaking Countries

FUNCHAL/Madeira Island 26-28 July
2004-Hotel Tivoli OceanPark

Papers on the following topics are accepted:

- Training in Ergonomics and Training of Ergonomists
- Ergonomics Design
- Applied Ergonomics
- Macroergonomics
- Challenges in Quality and Safety Management
- Working Time
- Cognitive Ergonomics
- Ageing and Work
- Human Reliability
- Ergonomics and Prevention of Musculoskeletal Disorders

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- Occupational Stress
- The papers should be written in English. The papers should be sent before 16th of February, with an advanced payment of 20A, that will be deducted from the registration fee, if the paper is accepted.

Please send by email to:

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 The papers can be submitted for oral or poster presentation.
 Simultaneous translation will be provided.
 The results will be announced until 31 of March 2004.
 For more informations: www.apergo.pt/congresso2004



Maastricht
 June 22,
 2004

The 16th congress of the International Ergonomics Association will be held as part of the celebration of the 50th birthday of the Association. All members of Federated Societies are invited to participate in this major event in Maastricht, The Netherlands.

The idea is to have all relevant information on the Internet, at our web site www.iea2006.org.

Deadline: June 15, 2004, for information, contact the following e-mail address: secretariat@iea2006.org
 Yours sincerely

Ernst A.P. Koningsveld
 Congress Chair IEA2006

Healthcare, Ergonomics and Patient Safety
 This conference will be organized next year in Florence. Please visit the web site www.heps2005.org and circulating this information through mailing lists and other websites.
 Daniela Fano

Scientific Secretary
 SIE (Italian Society of Ergonomics)

New Books

From CRC Press www.crcpress.com
Designing for Older Adults: Principles and Creative Human Factors Approaches.

Arthur D. Fisk & Wendy A Rogers, Neil Charness, Sara J. Czaja and Joseph Sharit
 January 2004

Features:

- Presents the development of comprehensive guidelines for the design of existing and emerging technologies for older adults
- Provides a practical introduction to human factors and older adults
- Translates the large academic literature on age-related changes in ability, learning and performance into guidelines for design

Human Factors Methods for Design: Making systems human centred

Christopher Nemeth

February 2004

Features:

- Describes how to create products for human use, including systems, services and environments
- Provides an easy-to-use road map for the creation of products that succeed at functional, legal and ethical levels
- Explains the basics of human behaviour and physiology in the context of product development
- Introduces human factors and ergonomic concepts
- Examines ways to recognise analyse and solve problems
- Allows developers to determine why one solution is preferable over another

Designing Usable Electronic Text: Will the evolution of Electronic Text make Paper Passé?

Andrew Dillon

2nd Edition January 2004

Features:

- Focuses on the Web and hypertext design and covers the design framework
- Explores the human issues that underlie information usage
- Shows how designers should take a user-centred approach to presenting information

Designing for Situation Awareness: An Approach to User-Centred Design

Mica R Endsley

January 2004

Features:

- Describes how to design systems to allow people to effectively manage and rapidly

understand the information available to them

- Provides a way to achieve user-centred design, where the interface is moulded around capabilities and needs of operators
- Offers insight into reducing errors and improving productivity with or without new technological capabilities

Safety Management: A qualitative Systems Approach

John Davies, Alastair Ross, Brendan Wallace and Linda Wright

May 2003

Features:

- Addresses safety prevention by integrating systems theory, applied psychology and other human factors into a series of methodological tools
- Offers practical solutions to traditional safety problems
- Details "confidential" reporting as an approach to "near miss" data
- Analyses hermeneutics as applied to accident reports and includes an overview of the CIRAS project
- Explores error taxonomies, cognitivism and connectionism

More books of interest

Contemporary Ergonomics 2003 edited by Paul T. McCabe

E-commerce Usability: Tools and Techniques to Perfect the On-Line Experience; David Travis

Workplace Bullying: What do we know, who is to blame and what can we do?; Charlotte Rayner, Helge Hoel and Gary L. Cooper.

Building a Culture of Respect: Managing Bullying at Work edited by Noreen Tehrani

Occupational Stress in the Service Professions edited by Maureen Dollard, Helen R. Winefield and Anthony H. Winefield

Human Factors in Lighting 2nd edition; Peter R. Boyce

Occupational Ergonomics: Design and Management of Work Systems; Waldemar Karwoski and William S. Marras

Occupational Ergonomics: Principles of Work Design; Waldemar Karwoski and William S. Marras

Occupational Ergonomics: Engineering and Administrative Controls; Waldemar Karwoski and William S. Marras

Human Thermal Environments: The effect of

Hot, Moderate and Cold Environments on Human Health comfort and Performance. 2nd Edition; Ken Parsons

Measuring Slipperiness: Human locomotion and surface Factors; Wen-Ruey Chang, Theodore K. Courtney, Roul Grongvist and Mark Redfern

Focus Groups: Supporting Effective Product Development; Joe Langford and Deana McDonagh

Bullying and Emotional Abuse in the Workplace: International Perspectives in Research and Practice; Stale Einarsen, Helge Hoel, Dieter Zapf and Gary L. Cooper
Automotive Vehicle Safety; George A. Peters and Barbara J. Peters

Human factors in the Training of Pilots; Jefferson M. Koonce

Pleasure with Products: Beyond Usability; William S. Greenand Patrick W. Jordan

Designing Pleasurable Products: An Introduction to New Human Factors; Patrick W. Jordan

Safety Analysis: Principles and Practice in Occupational Safety. 2nd edition; Lars Harms-Ringdah
www.crcpress.com

Competitions:

For your pleasure and leisure. Please send in any competitions that you think will interest others. We need your contributions!

Views and Spiels:

A Readers Column for you to air your voices in letters and opinions on any ergonomics related subject.

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