



Advance Call for Papers

*HESSD 2004: IFIP 13.5
6th International Working Conference on*

Human Error, Safety, and System Development



Toulouse, France • August 22-27, 2004 • Within WCC 2004
<http://lihs.univ-tlse1.fr/hessd>

The IFIP Working group 13.5 is having its first working conference collocated with the IFIP World Congress. Recent accidents in a range of industries have increased concern over the design, management and control of safety-critical systems. Much recent attention has focused upon the role of human error both in the development and in the operation of complex processes. This working conference will, therefore, provide a forum for practitioners and researchers to discuss leading edge techniques that can be used to mitigate the impact of human error on safety-critical systems. Our intention is to focus the working conference upon techniques that can be easily integrated into existing systems engineering practices. With this in mind, we hope to address a number of different themes like techniques for incident and accident analysis, empirical studies of operator, behaviour in safety-critical systems, observational studies of safety-critical systems, risk assessment techniques for interactive systems, safety-related interface design, and development and testing. We would also encourage papers that cross these boundaries.

Finally, we are interested to encourage contributions from many diverse sectors. These include but are not limited to aviation, maritime and the other transportation industries, the healthcare industries, process and power generation, military application.

MAIN TOPICS

- Human error
- Risk management
- System design maintenance
- Design
- Process control
- Vehicle control
- Incident/accident analysis
- Training
- Human Computer Interaction
- Documentation
- Methodologies
- Formal methods

SUBMISSION INSTRUCTIONS

Regular papers : authors should submit full papers not exceeding 6,000 words in length.

Posters : authors should submit abstract of their proposed presentation not exceeding 2,000 words in length.

Accepted papers will be included in the proceedings circulated at the conference, published by Kluwer.

Formatting and submission instructions will appear on the conference web site.

IMPORTANT DATES

January 31, 2004	Paper submission deadline
March 31, 2004	Acceptance notification and conference programme announcement
April 30, 2004	Final versions due
August 22-27, 2004	Conference

CONFERENCE COMMITTEE

Conference co-chairs Prof. Chris Johnson, University of Glasgow, Scotland – johnson@dcs.gla.ac.uk
Prof. Philippe Palanque, University of Toulouse III, France – palanque@irit.fr

Programme Committee

H.H.K. Andersen, Denmark	D. Javaux, Belgium	V. de Keyser, Belgium	P. Palanque, France
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S. Bogner, Denmark	E. Hollnagel, Sweden	N. Leveson, U.S.A.	B. Strauch, U.S.A.
G. Boy, France	C.M. Holloway, U.S.A.	J. Nisula, France	G. Szwillus, Germany
P.C. Cacciabue, Italy	A. Isaac, Belgium	A.S. Nyssen, Belgium	T. van der Schaaf, NL
J. Davies, Canada	C. Johnson, U.K.	M. O'Leary, U.K.	P. Wright, U.K.

HESSD 2004 is the working conference of IFIP Working Group 13.5 on Human Error, Safety, and System Development