



17th World Congress on Ergonomics
IEA2009 in Beijing
International Ergonomics Association



August 9-14, 2009

Session on
Human Factors and Ergonomics in Aerospace

Co-Chairs: Guy Boy and Don Harris

A Session of the Technical Committee on "Aerospace Human Factors and Ergonomics"

Objective

Participants to this session will attempt to share common research and practice issues and current solutions in aerospace human factors and ergonomics. The session is intended to focus on socio-technical systems, their analysis, design and evaluation, as well as emergence of new practices, in various phases in systems development including research, design, certification, training... In particular, the session will focus on: systems of systems, i.e., the multi-agent perspective of human-machine systems; a business perspective of aerospace human factors and ergonomics, i.e., economic models, including all players in value chain; and organizational issues, i.e., this goes with the concept of system of system, legal and anthropological issues... Interaction will be encouraged and a synthesis will be made.

Themes

- Curriculum (teaching aerospace HFE at university)
- HFE training to aerospace professionals
- ATM of the future (authority sharing, multi-agent automation)
- Multicultural issues
- HFE methods and tools in the modern aerospace domain
- HFE issues in aerospace maintenance
- Adaptive systems and human adaptation
- Aerospace accident/incident analysis

Proposal Submission

All proposals will be reviewed by secretariat. The applicants will be asked to submit a proposal including a topic, a brief description (at most 500 words), organizer information, and participant list (at least from two countries).

Publication

All abstracts will be peer reviewed. Accepted abstracts will be required to submit a full paper to be published in the conference proceedings. Keynote papers will be published in an IEA endorsed scientific journal.

Important dates

Submission of abstract: 15 November 2008

Notification of acceptance: 1 January 2009

Submission of full paper: 1 April 2009

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