

First Announcement and Call for Papers

2nd International Symposium

Understanding Human Limitations & Errors

7 – 9 February 2011, MIRCE Akademy, Woodbury Park, Exeter, United Kingdom

The MIRCE Akademy invites you to participate in this International Event. The objective of the Symposium is the further expansion of the scientifically based knowledge for the understanding of human limitations and errors associated with a system design, production and operational processes. The understanding of these phenomena could lead to the better management of in-service reliability and operational effectiveness, which in turn will reduce the probability of human generated failures and their consequences to natural and business world.

This three-day event will host presentation by international experts from industry, government, academia and professional institutions.

Invitation for

- Paper presenters
- Workshop Leaders
- Event Sponsors
- Participants
- Exhibitors
-

The deadline for the submission of:

- Abstracts/Proposals is **15.11.2011**
- Final Materials is **01.02.2011**

P.S. Any other suggestions?

Do you know why:

- Drivers go through red lights?
- Wrong parts get installed?
- Faults are not found by inspections?
- Installations are not always complete?
- Communication errors occur?
- Connections get crossed?
- Typing errors occur?
- Fault does not get detected?
- Parts get installed in wrong direction?
- Operators get stressed?
- Access panels do not get closed?
- Left-hand side gets confused for the right hand side?
- Wrong fluid gets used?
- Tasks do not get completed and book signed?
- Designer select wrong material?
- Systems do not get deactivated?
- Material gets left in vehicle?
- ?

Please do come and tell us

" People, even more than things, have to be restored, renewed, revived, reclaimed, and redeemed."

Audrey Hepburn,

Academy Award-winning actress, humanitarian

Some suggested Symposium Presentation or Workshop Topics:

- Biomechanics
- Anthropometry
- Energy Metabolism
- Neuromuscular Control
- Respiration
- Circulation
- Concentration
- Training and Education
- Enviromental Conditions
- Organisational Structure
- Regulations and Standards
- Stress and Fatigue
- Attention and Perception
- Phycho-Motor Skills
- Memory and Intelligence
- Attitude and Motivation
- Culture and Language
- Inhibition and Persuation

But, of course, the list is not exhaustive and we warmly welcome your ideas

The MIRCE Akademy is an independent research and education institution, established in 1999 by Dr J.Knezevic, to develop, disseminate and apply scientific knowledge to Management of In-service Reliability, Cost and Effectiveness – Mirce Mechanics.

Systematic study of the causes of air accidents, for example, calculated in percentages show the following causes:

- **Human error** **80.5**
- **Mechanical failure** **8.5**
- **Sabotage** **6.5**
- **Weather** **4.5**

Source: Air Disasters, R. Coote, Wayland, 1988.

The main objective of the Symposium is to try to understand the mechanics of this multi-dimensional problem and to search for a common patern of human behaviour that could be used in the fuuture for engineering machines that accommodate better human limitations and errors and to manage operational processes that are continuously dominated by humans.

Contact Address: MIRCE Akademy, Woodbury Park, Exeter, EX5 1JJ, United Kingdom.

Phone: + 44 (0) 1395 233 856

Fax: + 44 (0) 1395 233 899

Email: quest@mirceakademy.com

Web: www.mirceakademy.com

Venue: Woodbury Park is a magnificent 500 acre complex set among rolling hills above the South West English coastline, only a few miles from Exeter, UK. (www.woodburypark.co.uk)

Communication between Exeter and other parts of the United Kingdom are excellent.

- **By road**, the M5 motorway links Exeter to London, the Midlands, Scotland and Wales. Regular rapid coaches run services to and from London and Heathrow Airport.
- **By rail**, a regular fast service is available to and from Exeter (St David's Station) and London (Paddington Station).
- **By air**, Exeter Airport offers regular flights to many British and Continental destinations and is situated near to Woodbury Park.

Travel between Exeter and Woodbury normally requires a car or taxi, and it takes 20-25 minutes.

Among the outstanding leisure facilities at Woodbury Park are two golf courses including the magnificent Oaks Championship course, tennis courts, a swimming pool, spa, sauna and fully equipped gymnasium and well appointed lounge areas and bars.

Woodbury Park is also home to the Nigel Mansell World of Racing that celebrates the remarkable career of one of this country's great champions. The exhibition includes Formula 1 racing cars, video coverage of many outstanding racing achievements, in addition to trophies and memorabilia, marking Nigel Mansell's world-wide successes in the '92 Formula 1 and '93 Indy World Championships.

Phone: +44 (0) 1395 233382

Fax: +44 (0) 1395 233384

Email: enquiries@woodburypark.co.uk