

Programme Committee

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Local Organizer

Raymond Bisdorff (chair), Cunlux

Institutional support

The Association of European Operational Research Societies, EURO (<http://www.euro-online.org/>), Fonds National de la Recherche (<http://www.fnr.lu/>) , SOGESCI-B.V.W.B (<http://mathro.fmps.ac.be/sogescibvb/society.shtml>), ROADEF (<http://www.roadef.org/>)

Venue and Registration fee

The conference will be located at the Kirchberg Conference Centre, the hemicycle of the European Parliament in Luxembourg (<http://www.luxcongress.lu>).

The registration fees are **220€** before 2003/3/1 and **280€** afterwards. **150€** for students (for

details see the conference web site).

Publication

Selected papers will be proposed for publication (and refereed separately) in a feature issue of the **European Journal of Operational Research** (<http://www.elsevier.nl/homepage/sae/orms/eor/menu.htm>).

A specific publication for French, Italian, Spanish or Portuguese versions of the accepted papers is also foreseen in a special issue of the **IN COGNITO** journal (<http://www.univ-ubs.fr/valoria/cognito/>).

Important dates

Short papers (max five pages), proposals for sessions or panel discussions should be submitted by **October 2002**. Authors intending to submit to **EJOR** or **IN COGNITO** must provide this information in their short papers. Notification of acceptance will be given by the end of **January 2003** for all types of proposals. Full papers for **EJOR** and **IN COGNITO** should be submitted at the time of the conference, **beginning of May 2003**.

HCP'2003

Conference Secretary

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14th Mini-EURO Conference

HCP'2003

HUMAN CENTERED PROCESSES

Distributed decision making and man-machine cooperation

5-7 May 2003
Luxembourg

Kirchberg Congress Centre



Objectives

The Commission of the European Union, in its forthcoming sixth framework Programme, specifically recognizes the necessity to place human beings at the centre of future development of the knowledge-based society and more specifically the emerging e-government. In addition, a EURO working group on Human Centered Processes has recently been created in order to tackle the study of operational strategies and processes used by people in professional contexts (<http://www-hcp.enst-bretagne.fr/>).

Such problems represent important challenges for both public administrations and commercial firms. More generally, the analysis and study of distributed decision making and man-machine cooperation requires a multi-disciplinary approach involving cognitive psychology, operational research, cognitive science and domain expertise. Indeed, cognitive design and implementation approaches can complement more traditional frameworks. They may allow design and analysis of more complete, complex, robust and secure systems involving experienced users with specific domain expertise as well as common users.

Purpose

The purpose of this conference is to bring together:

- *Practitioners* from industry and administration who are confronted with issues related to cognition and domain

expertise and computer assisted collaborative work

- *Researchers* who have expertise in Cognitive Psychology or more generally Cognitive Science, Artificial Intelligence and Computer Science,
- *Operational Researchers* interested in discussing human centred approaches applied to complex industrial and administrative problems.

In view of this, the Conference focuses on practical application oriented themes where human centered approaches have already shown their usefulness including planning, scheduling, decision making, quality control, project and risk management, intelligent management of multimedia documents, e-commerce and e-government.

Three plenary sessions with invited guest speakers such as Ola Svenson (S) and Paul Slovic (USA) are planned. Four half-day symposiums dedicated to special sessions on multi-criteria decision aid, decision support systems and ethics in OR are foreseen.

Call for papers

Three kinds of submissions are welcome:

- Proposal for a session of three short papers (maximum five pages) dedicated to a given topic. After acceptance, the promoter will be responsible for his/her session and will chair it.

- Proposal for a panel discussion on a given topic (one hour). After acceptance, the promoter will be responsible for his/her session and will serve as session chair.
- Free submission of short papers (maximum five pages). The accepted papers will be published as Conference Proceedings by the Centre Universitaire.

Two types of sessions, panel discussions or papers are solicited: those discussing cognitive theories and practices from a practical application perspective and those presenting administrative, business or industrial applications. Suitable sessions, panel discussions and papers include: distributed decision making, human expertise centred decision aids, man-machine cooperation, intelligent assistance for decision, knowledge extraction, representation and modelling, intelligent management of multimedia documents, perception, recognition and interpretation and intelligent operator guidance and assistance systems.

Application reports may cover the following: practice and integration, quality control, management of industrial and administrative processes, scheduling and planning, industrial production, supervision and control, public administration, transportation, health care, banking, insurance, telecommunications, management of the environment, new technologies for information and communication.

Authors' instructions may be found on the conference web site: <http://www.cu.lu/hcp2003>.