InterSymp-2003
15th International Conference
on Systems Research, Informatics and Cybernetics
to be held
July 28 - August 2, 2003
in Baden-Baden, Germany
announces
Special Focus Symposium on
Cognitive, Emotive and Ethical Aspects of Decision Making in Humans and in AI
July 30 - 31, 2003
Chair: Dr. Iva Smit, E&E Consultants, Netterden, NL
Wendell Wallach, WW Associates, Bloomfield, CT, USA
Conference Chair: Prof. George E. Lasker, IIAS, Windsor, Canada

Focus of the Symposium
This Symposium is a forum for exploring the values and affective concerns that inform human decisions and actions, as well as the prospect of developing AI systems with the capacity to make and follow complex ethical decisions and function as moral agents. Of particular interest are papers that investigate the values and processes involved in decision making, our consciousness of these values and processes, and their ramifications. Papers that address cognitive, emotive, intuitive, and ethical aspects of decision making and problem solving; the ethical use of artificial and natural intelligence; the autonomy of robots and artificial agents; social consequences of decision making in Hi-Tech environments; and related themes and issues are welcomed.

Topics may include, but are not limited to:
Value consciousness in decision making
The effects of expectation, anticipation and human need on the quality of decision making
The role of emotions in decision making and the consequent actions
Sources of motivation to act
Ethics based decision making and intelligent problem solving
Synergy of rational, emotional, and ethical intelligence in decision making and action taking
Synergy of human and artificial intelligence
Modeling and simulation of emotions; affective computing
(Artificial) moral intelligence
Genetic programming and moral development
Modeling and simulation of moral behavior
Unbiased learning and non-rule based behavioral guidance for artificial intelligence
Design and implementation of artificial moral agents (AMAs)
Effectiveness and acceptability of decisions supported by artificial moral agents
Bioethics and the use of technology in medical diagnosis
Ethics of decision making in intelligent automata and robotics systems
Moral education for robots
The importance of embodiment for robotic systems
The effects of anthropomorphizing
Limits of ethics in information technology
Autonomy boundaries of robots and autonomous agents
The effects of robots and autonomous agents on human autonomy
Methodology for assessing the moral consequences of (human) decision making
Responsibility for the actions of robots and autonomous agents
The “robot takeover” threat
Value systems for sustainable civilizations
Correcting consequences of erroneous decisions making
Decision making strategies under extreme conditions and during peak performances
The effect of rationality, irrationality, intuition, and altered states on deciding and acting
The role of wisdom and divine intelligence in human decision making and problem solving
Empathy and emphatic intelligence-based decision making

Call for Papers

Papers that address any of the above listed issues are invited. Abstract of approximately 200 words should be submitted for evaluation. All proposals will be judged on the basis of their scholarly quality, originality and potential for further discourse.

Abstracts may be submitted electronically (Microsoft Word preferred), by mail or by fax by February 9th, 2003 to:

Dr. Iva Smit, Symposium Chair
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With a copy to: Prof. George E. Lasker, Conference Chair
C/o School of Computer Science
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Review Process and Conference Proceedings:

All submitted papers and abstracts will be peer reviewed. Final papers should not exceed 5 single-spaced typed pages prepared according to the Instruction to Authors, displayed at the Website [http://www.iias.edu](http://www.iias.edu) The selected papers will be published in Conference Proceedings.

Important Dates:

- February 9, 2003 Abstract due
- March 21, 2003 Notice of acceptance
- April 20, 2003 Final paper due

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