

CRRC'06: Cognitive Rationality, Relativity and Clarity
April, 18-21, Vienna, 2006, European Meeting on Cybernetics and Systems Research

Dear Colleagues,

As you may know, each two years one of the oldest and more recognized meetings in systems sciences is held in Vienna, Austria. Thus, next April 18 - 21 2006 will be the Eighteenth European Meeting on Cybernetics and Systems Research (EMCSR 2006), sponsored by the Austrian Society for Cybernetic Studies. Consistent with its past history, the EMCSR 2006 continues to encourage developing areas of research. Thus, in 2004 and again in 2006, the EMCSR will offer a symposium on "CRRC: Cognitive Rationality, Relativity, and Clarity".

This approach was summarized in the 2002-2004 EMCSR by Ezhkova as follows:
"Cognitive rationality, relativity and clarity are considered to be the core cognitive mechanisms of origin, development and evolution of culture, as well as of other self-organizing phenomena. The *Contextual Theory of Cognitive States* provides a unified constructive platform, which may help to understand and model many of the puzzles of human activities, - from tuning to particular contexts and experiences to simulating multi-contextual cultural spaces and predicting possible ways of bio-evolution and of cognitive economics development. *Cognitive relativity* allows tuning to actor-centered experience, contexts, *Contextual Systems and Contextual Spaces* of useful attributes, patterns, rules and cognitively normalized measurements. *Cognitive clarity* is introduced to predict possible modes of perception, cognition, behavior and organizations: what is clear survives. Flexibly adjustable *soft webs* of knowledge are automatically constructed maximizing Cognitive Clarity in interaction of *distributed functional systems*. *Sharpness* of internal picture can be measured and interpreted as interference of interacting and communicating systems. Cognitive *Rationality* maximizes cognitive confidence in modeling actor-centered and distributed (individuals, group, cultural) decision making and strategic planning. *Systems of Communicating Contextual Systems* allow simulation of concurrent, with a time delay and consequent interactions of Contextual and natural systems. *Recursive mechanism of Constraints Recognition and Satisfaction* results in *Self-Organizing Representations* and allows prediction of allowed and prohibited ways of possible development and evolution of artificial and natural *self-organizing systems*."

The symposium draws upon new and established areas of mathematical and applied work in artificial intelligence, rationality, cognitive science, fuzzy sets, cultural theory, quantum logic, linguistics, and related fields.

In 2006 we would like to encourage further consideration of these ideas. As the organizers of CRRC for the 2006 EMCSR, we would like to invite interest in participating in these meeting of a broad scope of researchers in all related areas, by giving a paper, and joining the ongoing discussions which always accompany these meetings.

Papers for EMCSR 2006 of not more than 6 A4 pages should be submitted by the end of October 2006. Accepted papers will be notified by January, with the final papers due at the end of January. The web site for the meeting <http://www.osgk.ac.at/emcsr/> contains specific instructions for submission or you may contact us on more details.

We hope you join us for a vigorous and provocative session next April in Vienna.

Most Sincerely,

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