

On the Thresholds between Sciences

A Selection of Themes at the Crossroads of Disciplines

Joint miniworkshop of CTS and IGPP, April 12–14, 2007
Center for Theoretical Study, Husova 4 (after 6 pm: Jilská 1), Prague 1

OUTLINE OF THE PROGRAM

Thursday 10:00-12:00

Harold Atmanspacher (IGPP): Complexity and information

Lunch break

Thursday 14:00-16.00

David Storch (CTS): Time, scale, and complexity of the tropical forest

Petr Kůrka (CTS): Attractors in cellular automata

Friday 10:00-12:30

Jiri Wackermann (IGPP): Subjective duration and objective measure of time

Roman Kotecký (CTS): Threshold phenomena and phase transitions

Lunch break

Friday 14:00-17:00

Harald Atmanspacher (IGPP): Non-monotonic complexity & pragmatic information

Carsten Allefeld (IGPP): Insights in neuronal dynamics: Connectivity clustering via eigenvalue decomposition.

Kateřina Trlifajová (CTS): Mathematical and phenomenological continuum

Saturday 10:00-12:00

Miroslav Holeček (West Bohemian University): Speculations about a nonstandard transition from microworld to macroworld

Bedřich Velický (MFF UK, CTS): Between microworld and macroworld – threshold, bridge, or no-man's land?

After lunch: reserved time for unexpected contributions

CTS: Center for Theoretical Study (at Charles University and the Academy of Sciences of the Czech Republic)

IGPP: Institut für Grenzgebiete der Psychologie und Psychohygiene, Freiburg, Germany