

FINAL PROGRAMME

Monday (17-JAN-2005)

14:30 – 15:00 Opening Addresses

Afternoon Session: Endophysics (Chair: R. Jahn)

15:00 – 15:50 R. Buccheri ~ Evolution of Human Knowledge and the Endophysical Perspective

15:50 – 16:40 G. Jaroszkiewicz ~ The Entropy of the Future

16:40 – 17:10 *Coffee Break*

17:10 – 18:00 I. Balaz ~ Construction of Endo-Time and its Manipulation in Autopoietic Systems

18:00 – 18:30 Y. Gunji ~ Open Limit: Endo-Space and Endo-Time

Tuesday (18-JAN-2005)

Morning Session: Time (Chair: M. Stuckey)

09:30 – 10:20 O. A. Laudal ~ Time-Space and Space-Time: A Non-Commutative and Moduli-Theoretic Approach to the Notion of Time

10:20 – 11:10 B. D'Hooghe ~ The Nature of Time as a Consequence of How We Construct the World

11:10 – 11:40 *Coffee Break*

11:40 – 12:30 H. Markowitsch ~ Time, Memory and Consciousness: A View from the Brain

12:30 – 13:20 H. Atmanspacher ~ The Significance of Stable and Causal Neuronal Assemblies for the Psychological Time Arrow

13:20 – 15:00 *Lunch*

Afternoon Session: Time (Chair: M. Dorato)

15:00 – 15:50 I. M. Havel ~ A Structure of Experienced Time

15:50 – 16:40 J. Wackermann ~ Experience of Time Passage: Psychophysical Measurements and Biophysical Modelling

16:40 – 17:10 *Coffee Break*

17:10 – 18:00 D. Dietrich ~ Emotional Time, Creativity and Consciousness

18:00 – 18:30 M. Jankovič ~ Confronting the Character of Psychopathological Experiences with the Current Philosophy of Mind

Wednesday (19-JAN-2005)

Morning Session: Time (Chair: A. Khrennikov)

09:30 – 10:20 M. Saniga ~ A Geometrical Chart of Altered Temporality (and Spatiality)

10:20 – 11:10 M. Dorato ~ Becoming and Simultaneity from the Perspective of Physical and Psychological Time

11:10 – 11:40 *Coffee Break*

11:40 – 12:30 A. Elitzur ~ Incessant Big Bang

12:30 – 13:00 D. Gernert ~ Conditions for Nonlocal Coupling

13:00 – 15:00 *Lunch*

Afternoon Session: Quantum (Chair: G. Bacciagaluppi)

15:00 – 15:50 L. Hardy ~ Why Quantum Theory?

15:50 – 16:40 M. Stuckey ~ The Relational Blockworld

16:40 – 17:10 *Coffee Break*

17:10 – 18:00 L. Behera ~ Quantum Neural Networks – A Paradigm for Subjective Computational Model

18:00 – 18:30 J. Schneider ~ Measurement Act – Speech Act

18:30 – 19:00 S. Marcovitch ~ Self-Reference in Quantum Measurement

Thursday (20-JAN-2005)

Morning Session: Quantum (Chair: G. Jaroszkiewicz)

09:30 – 10:20 G. Bacciagaluppi ~ Nelson's Mechanics, Time Symmetry and Mach's Principle

10:20 – 11:10 A. Khrennikov ~ Contextual Viewpoint to Quantum Mechanics and the Theory of Fundamental Pre-Space-Time

11:10 – 11:40 *Coffee Break*

11:40 – 12:30 M. Planat ~ Abstract Algebra, Projective Geometry and Time Encoding of Quantum Information

12:30 – 15:00 *Lunch*

Afternoon Session: The Subjective (Chair: B. Ramberg)

- 15:00 – 15:50 J. Parnas ~ The Structure of the Minimal Self: Lessons from Anomalous Self-Experience in Schizophrenia
15:50 – 16:40 J. Pettigrew ~ Perceptual Rivalry, Time Subjectivity and Gravitation
16:40 – 17:10 *Coffee Break*
17:10 – 18:00 A. Alyushin ~ Hypothetical Subjects of Perception in Extended Time Scales
18:00 – 18:50 B. Ramberg ~ Understanding Emotions: Objects of Science and Subjects of Narrative
19:00 – 21:00 *Conference Dinner*

Friday (21-JAN-2005)

Morning Session: The Subjective (Chair: T. Gernert)

- 09:30 – 10:20 A. Elitzur ~ Consciousness Violates the Closure of the Physical World
10:20 – 11:10 P. Mandik ~ Phenomenal Consciousness and the Allo-/Ego-Centric Interface
11:10 – 11:40 *Coffee Break*
11:40 – 12:30 R. Jahn (with B. Dunne) ~ Endophysical Models Based on Empirical Data
12:30 – 13:00 P. Bernstein ~ Intuition: What Science Tells Us About How and Why Intuition Works
13:00 – 15:00 *Lunch*

Afternoon Session: The Subjective (Chair: P. Mandik)

- 15:00 – 15:50 S. Arzy ~ Out-Of-Body, Out-Of-Time: Aspects of “Self” in Space and Time – Physiology, Pathology and Therapy
15:50 – 16:40 J. Sanfey ~ Living in Duration
16:40 – 17:10 *Coffee Break*
17:10 – 17:40 E. Bouratinos ~ A New Conceptual Framework for Physics
17:40 – 18:10 T. Marlow ~ On the Subjective Nature of Relative Frequencies at Spacelike Separation
18:10 – 19:00 V. Basios ~ Encountering Complexity: In Need of a Self-Reflecting Epistemology
19:00 – 19:15 Closing Address by George Jaroszkiewicz