

Tuesday, July31, 2018

9:00 – 18:00

Hall E

Symposium on Anticipative Models in Physics, Relativistic Quantum Mechanics, Biology and Informatics - Part I

Chair: Dr Ir Daniel M. DUBOIS, Director, Centre for Hyperincursion and Anticipation in Ordered Systems (CHAOS), University of Liege, Belgium

-Invited Papers-

Alliance and Full Autonomy for Human Resilient Oriented Space Exploration Systems

by Dr Stéphane Grès, Université de Technologie de Compiègne, France

Meta-Mathematics – Mathematics Mirrors Mind

by Otto Van Nieuwenhuijze MSc, MD, Independent Researcher, The Netherlands

A Thermodynamical Model for Numerical Computing Based on Anticipatory Systems

by Dr Jorge Carrera-Bolaños, National Autonomous University of Mexico, UNAM, and IIAS

Geometric Transformations for Multi-Dimensional Spaces Utilizing Infinities

by Prof. Greg Andonian, Carleton University, Ottawa, Canada

Lunch Break 12:00 – 14:00

Anticipation in Nuclear Physics

by Dr Domitian G. Popescu, Retired Nuclear Physicist, former IPN Orsay, France

Generalisation to Three Spatial Dimensions of the Dubois-Ord-Mann Real 4-Spinors Equation from the Hyperincursive Discrete Klein-Gordon Equation

by Dr Daniel M. Dubois, CHAOS ASBL, University of Liege, Belgium

LIGO's "GW150914 Signal" Reproduced Under YARK Theory of Gravity

by Prof. T. Yarman, Okan University, Istanbul, Turkey, A. L. Kholmetskii, Belarusian State University, Belarus, O. Yarman, Istanbul University, Turkey, C. B. Marchal, ONERA, Paris, France, M. Arik, Bogazici University, Istanbul, Turkey

Deduction of the Majorana Real 4-Spinors Generic Dirac Equation from the Computable Hyperincursive Discrete Klein-Gordon Equation

by Dr Daniel M. Dubois, CHAOS ASBL, University of Liege, Belgium

Non-Abelian Harmonic Analysis of Gravitational Radiation Emission: Part I

by Prof. Walter J. Schempp, University of Siegen, Germany