

# The Fourth PHYSICS & PHILOSOPHY Conference: "Time, Space and Space-Time"

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University of Split, 6-7 July 2015

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## Preliminary program

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### International speakers (in alphabetic order):

- **Detlef Dürr** (Ludwig Maximilians Universität, München) *Relativistic space-time and fields: An unhappy marriage.*
- **Jean-Marc Lévy-Leblond** (University of Nice) *From relativity to chronogeometry. The twin paradox (re)<sup>n</sup>visited and (finally?) tamed*
- **Peter Lukan** (University of Ljubljana) *Time and probability*
- **Tim Maudlin** (New York University) *How to build a discrete relativistic space-time*
- **Aurelien Perera** (Pierre and Marie Curie University, Paris 6) *Should simulation-as a computer experiment- guide theory or the opposite? A liquid state physicist point of view*
- **Marko Uršič** (University of Ljubljana) *The enigma of the existence of time*
- **Scott Walter** (University of Lorraine) *The emergence of spacetime conventionalism*

### Croatian speakers (in alphabetic order):

- **Jadran Beganović** TBA
- **Neven Bilić** (Ruđer Bošković Institute, Zagreb) *Space and time in modern cosmology*
- **Luka Boršić** (Institute of Philosophy, Zagreb) *The concepts of time and space just before the emergence of modern science*
- **Tonči Kokić** (University of Split) *Presocratic concept of time*
- **Dragan Poljak & Mirko Jakić** (University of Split) *Nature of time asymmetry in modelling of physical systems*
- **Ivana Skuhala Karasman & Filip Grgić** (Institute of Philosophy, Zagreb) *Subjective and objective aspects of time*
- **Franjo Sokolić** (University of Split) *Space, time and space-time*
- **Nenad Smokrović** (University of Rijeka) *From the somatic time to the concept of time*
- **Kristina Šekrst** (University of Zagreb) *The cosmological theory of inflation: problems, possible answers, and computational complexities*
- **Majda Trobok** (University of Rijeka) *Epistemic paths: the mathematics-science analogy*
- **Berislav Žarnić** (University of Split) *Branching time and STR-time*
- **Tomislav Živković** (Ruđer Bošković Institute, Zagreb) TBA

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The list of **contributed talks** will be added after the application deadline.