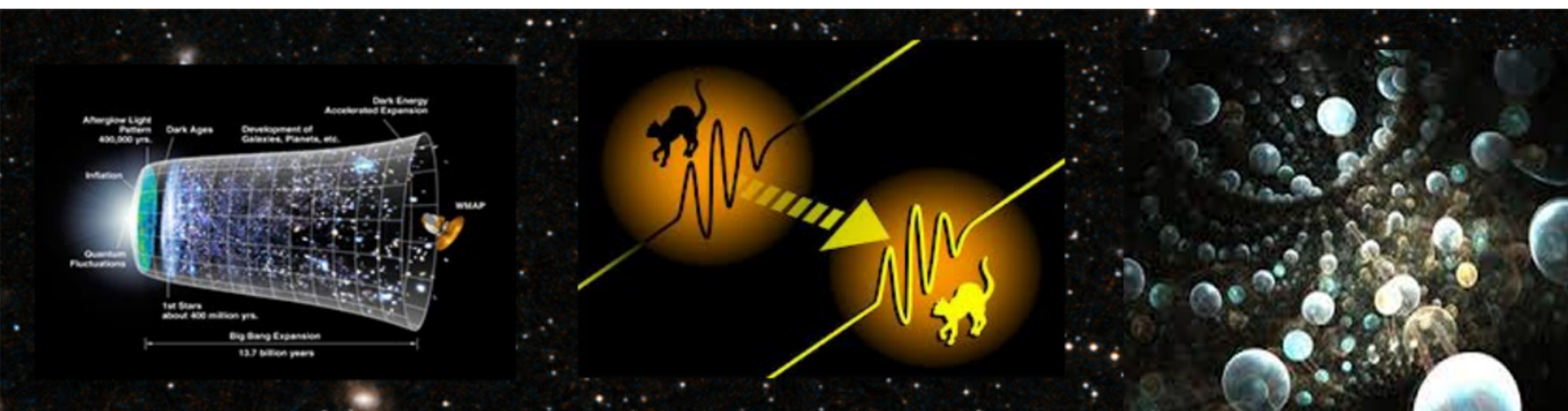




International Centre for Theoretical Physics
South American Institute for Fundamental Research



South American Workshop on the Foundations of Quantum Theory and Cosmology



November 3 - 7, 2014

Instituto de Física Teórica - UNESP - São Paulo, Brazil

The objective of this workshop is to bring together researchers working in the application of quantum theory to cosmology, and those working on foundational aspects of quantum theory. These two fields have a very important intersection, exemplified by the fact that many approaches that have been developed to deal with the conceptual difficulties, particularly with the so called “measurement problem” in quantum mechanics, become almost untenable in their application to cosmology. There will be a small number of formal presentations and a series of long discussion sessions with specific focus topics.

Organizers

Mario Castagnino (U. Buenos Aires, Argentina) **Nelson Pinto Neto** (CBPF, Brazil)
Susana Landau (U. Buenos Aires, Argentina) **Daniel Sudarsky** (UNAM, Mexico)
George E. A. Matsas (IFT-UNESP, Brazil) **Hector Vucetich** (U. La Plata, Argentina)

Confirmed Invited Speakers

David Albert (Columbia U.) **Olimpia Lombardi** (U. of Buenos Aires, Argentina)
George Ellis (U. Cape Town) **Elias Okon** (UNAM, Mexico)
Rodolfo Gambini (U. de la Republica, Uruguay) **Nelson Pinto Neto** (CBPF, Brazil)
Adrian Kent (DAMTP, U. Cambridge) **Antony Valentini** (Clemson U., USA)

The Registration deadline is **September 22, 2014**

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