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Position: Post Doc

Period covered: 01/10/2009 - 30/09/2010



Member of the Examination Panel for the course "Cosmologia Primordiale" - Physics Dept c/o "Sapienza" University of Rome
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2010 List of Publications

- Crystalline Structure of Accretion Disk: Features of the Global Model
G. Montani and R. Benini.
Submitted to *Physical Review E*
- Viscosistive MHD configurations of plasma in accretion disks
G. Montani and R. Benini
General Relativity and Gravitation, 1 (2010).
- Signatures of the neutrino thermal history in the spectrum of primordial gravitational waves
R. Benini, M. Lattanzi and G. Montani
General Relativity and Gravitation, 99 (2010).
- A possible signature of cosmic neutrino decoupling in the nHz region of the spectrum of primordial gravitational waves
M. Lattanzi, G. Montani and R. Benini
Classical and Quantum Gravity 27:4008 (2010).

Conference Proceedings

- The last ten years of the Mixmaster model
R. Benini and G. Montani
XII Marcel Grossmann Meeting, Parigi 12-19 Luglio 2009
- On the Propagation of Gravitational Waves across the Universe: Interaction with the Neutrino Component.
M. Lattanzi, G. Montani and R. Benini
XII Marcel Grossmann Meeting, Parigi 12-19 Luglio 2009
- 2-D MHD Configurations for Accretion Disks around Magnetized Stars
G. Montani and R. Benini
XII Marcel Grossmann Meeting, Parigi 12-19 Luglio 2009