

Novello Mario

Position: Professor

Period covered: 2003-present



I Scientific Work

1. Theoretical Cosmology with emphasis in Bouncing cosmological models
2. Nonlinear field theory in flat and curved spacetime - effective geometry
3. Spinor theory of gravity

II Conferences and educational activities

Conferences and Other External Scientific Work

- July 20 - August 3 (2008), The XIII Brazilian School of Cosmology and Gravitation, CBPF.
- 2nd semester of 2007 - first months of 2008, the 3rd edition of the itinerant program of Cosmology (Programa Minimo de Cosmologia, PMC, in Portuguese), University of the State of Ceara.
- 26 February- 03 March (2007) the First Cesare Lattes Meeting on Gamma-Ray Bursts, Mangaratiba (Rio de Janeiro)
- **July 16 - 21 (2007) The IV School on Cosmology and Gravitation**
- **August 27, 28 (2007) The Conference Gödel: Logic and Time, CBPF**
- August 8-10 (2007) The Sobral First Conference on Cosmology, Sobral (Ceara')
- October 9-11 (2007), The First ICRA-BR Internal Workshop CBPF
- November 27- 28 (2007) The 2005-2007 Scientific Report ICRANet
- (June 2007) IV Escola de Cosmologia e Gravitação
- He organized and chaired a team of researchers which performed a historical-scientific study on the evolution of Cosmology along the XX century. The main topics of this path were included in a poster that was prepared as a piece of popular science, and distributed in technical schools of the Brazilian Ministry of Science and Technology, and also in the public schools of the city of Rio de Janeiro. This experience will be extended to cover many other Brazilian states. To continue this endeavour a review book is being prepared containing reading material and pictures to serve as a guide for the teaching of Cosmology in schools and universities.
- (September 2006) XII Brazilian School of Cosmology and Gravitation
- (August 2004), XI Brazilian School of Cosmology and Gravitation

Diploma thesis supervision

Erico Goulart

Maria Borba

Aline N. Araújo
Josephine Rua
Vicente Antunes
R P Neves

Work With Postdocs

Santiago E.P. Bergliaffa
Herman Mosquera Cuesta
Leo Medeiros

III Other

Received the title of Docteur Honoris Causa from University of Lyon (France)