



Scalea, Italy | 13 - 17 June 2016

Estate Quantistica

A conference on classical and quantum gravitation and cosmology

Organising committee

Eugênio Bezerra de Mello (UFPB, Brazil)

Giuseppe Dito (Université de Bourgogne, France)

Júlio C. Fabris (UFES, Brazil)

Oliver Piattella (UFES, Brazil)

Ilya Shapiro (UFJF, Brazil)

Mini-Courses

Michael Bordag (Universität Leipzig, Germany)

Casimir effect

Salvatore Capozziello (Università di Napoli, Italy)

Modified gravity

Claus Kiefer (Universität zu Köln, Germany)

Quantum gravity

Nicola Napolitano (INAF-Osservatorio Astronomico di Capodimonte, Italy)

Dark matter

Homepage:

<http://monge.u-bourgogne.fr/gdito/EQ2016/>

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Advanced seminars

Manuel Asorey (Universidad de Zaragoza, Spain)

Quantum field theory

Eugênio Bezerra de Mello (UFPB, Brazil)

Induced current in cosmic string spacetime

Marco Cariglia (UFOP, Brazil)

Black hole physics

Saulo Carneiro (UFBA, Brazil)

Evidence for cosmological particle creation

Alberto Cattaneo (Universität Zürich, Switzerland)

BV-BFV theories on manifolds with boundary and general relativity

Júlio C. Fabris (UFES, Brazil)

Regular black holes

Gilberto Kremer (UFPR, Brazil)

Relativistic kinetic theory

Peter M. Lavrov (Tomsk State Pedagogical University, Russia)

Effective action with composite field and Clairaut-type equations

Oliver Piattella (UFES, Brazil)

Lensing effects

Nelson Pinto-Neto (CBPF, Brazil)

Quantum cosmology

Rudnei Ramos (UERJ, Brazil)

Warm inflation

Ilya Shapiro (UFJF, Brazil)

Superrenormalizable models of quantum gravity

Winfried Zimdahl (UFES, Brazil)

The dark sector of the universe



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