

4th José Plínio Baptista School of Cosmology

15 – 19 October 2018
Pedra Azul, ES, Brazil

Gravitational Waves

LECTURES

Fundamentals of Gravitational Wave Astronomy

Scott Hughes (MIT, USA)

Gravitational Waves and Fundamental Gravity

Riccardo Sturani (UFRN, Brazil)

Gravitational Wave Detection History

Odylio D. Aguiar (INPE, Brazil)

Observing and Interpreting Gravitational Waves From Black Holes and Neutron Stars

Badri Krishnan (Max Planck Institute, Germany)

Topics in Gravitational Wave Physics

Bernard Whiting (University of Florida, USA)

Topics in Post-Newtonian Theory

Alexandre Le Tiec (Observatoire de Paris, France)

ORGANIZERS

Davi C. Rodrigues (UFES)
Felipe M. Santos (UFES)
Hermano E. S. Velten (UFES)
Júlio C. Fabris (Chair, UFES)
Marc Casals (CBPF)
Oliver F. Piattella (UFES)
Riccardo Sturani (UFRN)
Syrios Gomes (UFES)
Valerio Marra (UFES)
Winfried Zimdahl (UFES)

SEMINARS

Black Hole Physics

Jorge Zanelli (CECs, Chile)

Gravitational Waves: The Nobel Prize 2017

Odylio D. Aguiar (INPE, Brazil)

Inflationary Models and Primordial Gravitational Waves

Alexey A. Starobinsky (Landau Institute, Russia)

On the Bending of Light: from Newton Optics To the Propagation of Electromagnetic Waves in the Vicinity of a Black Hole

Luís Crispino (UFPA, Brazil)

Self-Force and Extreme Mass-Ratio Inspirals

Marc Casals (CBPF, Brazil)

Stability of Black Holes

Gustavo Dotti (Universidad de Córdoba, Argentina)

The Gravitational Wave Background

José Antônio de Freitas Pacheco (OCA, France)

SPECIAL SESSION

In honour of Antônio Brasil Batista on the occasion of his
80th birthday

REGISTER by 31st AUG 2018 at

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Contact: events@cosmo-ufes.org

