



Universidade Federal do Espírito Santo  
Departamento de Física, CCE  
Vitória, ES - Brazil.



Programa de Pós-Graduação em  
Astrofísica, Cosmologia e Gravitação

### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Adalto Rodrigues Gomes dos Santos Filho has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *The general form of the coupled Horndeski Lagrangian that allows cosmological scaling solutions*.

The School was held in Pedra Azul, ES, Brazil, from September 25 to 30 of 2016. Additional details can be found in <http://www.cosmo-ufes.org/jpbcosmo3.html>, or from the e-mail [events@cosmo-ufes.org](mailto:events@cosmo-ufes.org).

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Davi C. Rodrigues

(On behalf of the organising committee)



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The Organising Committee attests that Alefe de Oliveira Freire de Almeida has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Solar System constraints on Renormalization Group extended General Relativity*.

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The Organising Committee attests that Andresa Rodrigues de Campos has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Effects of Coupled Dark Energy on the Power Spectrum*.

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The Organising Committee attests that Arpine Piloyan has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: .

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The Organising Committee attests that Breno Rodrigues Segatto has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Discrete Gravity: A new view to the Gravitation Field..*

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The Organising Committee attests that Bryan Sagredo Briones has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Carla Rodrigues Almeida has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Quantum Cosmology with K-essency Theory*.

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The Organising Committee attests that Carolina Martins de Siqueira Barbosa has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Effects of bulk and shear viscosity in Cosmology..*

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The Organising Committee attests that Cesar Antonio Merlin Gonzalez has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that David Francisco Camarena Torres has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Cosmological constraints on the radiation released during structure formation*.

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The Organising Committee attests that Denis Campos Rodrigues has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Black Holes in K-essence Theories*.

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The Organising Committee attests that EDDY GIUSEPE CHIRINOS ISIDRO has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Averaged Lemaître-Tolman dynamics*.

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The Organising Committee attests that Edison Cesar de Oliveira Santos has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Black Holes in Rastall Theory*.

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The Organising Committee attests that Fabio Chibana de Castro has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Cosmological constraints on interacting dark energy models*.

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The Organising Committee attests that Felipe Almeida Gomes Ferreira has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Felipe de Melo Santos has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Perfect Fluids in General Relativity and Cosmology*.

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The Organising Committee attests that Felipe Tovar Falciano has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Felipe Leone Maia has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Análise de dados observacionais de galáxias e o problema cúspide-núcleo*.

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The Organising Committee attests that Filipe de Oliveira Salles has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Cosmological solutions in the theory with anomaly-induced corrections: the background energy intensity*.

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The Organising Committee attests that Fulvio Sbisa has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Gabriel Freitas Silva has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Heinrich Maria Steigerwald has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Refsdal's test of gravity applied to the LSST survey*.

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The Organising Committee attests that Humberto Belich Junior has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Geometric relativistic phase from Lorentz symmetry breaking effects in the cosmic string spacetime*.

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The Organising Committee attests that Humberto de Almeida Borges has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Ilya L. Shapiro has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Anomaly-induced inflation and gravitational stability*.

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The Organising Committee attests that Ingrid Ferreira da Costa has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Análise de Alguns Candidatos a Matéria Escura*.

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The Organising Committee attests that ISAAC TORRES SALES has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Existence and Multiplicity of Solutions for a Class of Nonlinear Equations via Ricceri's Theorem*.

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The Organising Committee attests that Jhonny Andres Agudelo Ruiz has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Junior Diniz Toniato has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Marc Casals has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Late-time fields in Kerr: logarithmic decay and an extreme instability*.

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The Organising Committee attests that Mariana Penna Lima Vitenti has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Calibrating the Planck Cluster Mass Scale with CLASH*.

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The Organising Committee attests that Mariniel Souza Galvão Junior has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Mario Rocha Junior has participated in the *III José Plínio Baptista School on Cosmology*.

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The Organising Committee attests that Martin Makler has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Seminar (only for the invited speakers): *Strong Lensing and the Dark Sector*.

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The Organising Committee attests that Nelson Pinto Neto has participated in the *III José Plínio Baptista School on Cosmology*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Nelson Videla has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Instability in interacting dark sector: An appropriate Holographic Ricci dark energy model*.

The School was held in Pedra Azul, ES, Brazil, from September 25 to 30 of 2016. Additional details can be found in <http://www.cosmo-ufes.org/jpbcosmo3.html>, or from the e-mail [events@cosmo-ufes.org](mailto:events@cosmo-ufes.org).

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Nickolas Kokron has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *A study of the covariance of the angular power spectrum using Gaussian and Log-normal simulations: effects of cut skies..*

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- Certificate -

The Organising Committee attests that Olesya Galkina Vieira has participated in the *III José Plínio Baptista School on Cosmology*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Pedro Otavio Souza Baqui has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Cosmology using Newtonian hydrodynamics with general relativistic pressure*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that RAFAEL CHRIST DE CASTRO LOPES has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Effects of Modified Gravity  $f(R)$  on spherical collapse at turn around moment.*

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Riis Rhavia Assis Bachega has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Probing Dark Energy Models in Different Bins of Redshifts*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Rogério Rosenfeld has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Seminar (only for the invited speakers): *Modelling the cross-correlation between cluster counts and angular power spectrum*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Ronaldo Carlotto Batista has participated in the *III José Plínio Baptista School on Cosmology*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Sandro Dias Pinto Vitenti has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Numerical Cosmology*.

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- Certificate -

The Organising Committee attests that Saulo Carneiro has participated in the *III José Plínio Baptista School on Cosmology*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Sergey Pavluchenko has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Cosmological dynamics of spatially flat Einstein-Gauss-Bonnet models in various dimensions*.

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### III José Plínio Baptista School on Cosmology

- Certificate -

The Organising Committee attests that Simpliciano Castardelli dos Reis has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *The Anomaly induced effective action in Kasner Metric*.

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- Certificate -

The Organising Committee attests that Syrios Gomes da Silveira has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Large scale structure and ISW effect in decaying vacuum cosmology*.

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- Certificate -

The Organising Committee attests that Tassia Andrade Ferreira has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Low-z constraints on cosmological models with interaction in the dark sector..*

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- Certificate -

The Organising Committee attests that TAYS MIRANDA DE ANDRADE has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: .

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- Certificate -

The Organising Committee attests that Thiago Roberto da Possa Caramês has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *tba*.

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- Certificate -

The Organising Committee attests that Vinicius Consolini Busti has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Communication: *Model-independent tests in cosmology*.

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- Certificate -

The Organising Committee attests that Vinícius Santos Terra has participated in the *III José Plínio Baptista School on Cosmology*.

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- Certificate -

The Organising Committee attests that Waleska Priscylla Florencio de Medeiros has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Electromagnetic self-force*.

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- Certificate -

The Organising Committee attests that Wiliam Santiago Hipolito Ricaldi has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Interacting Holographic Ricci dark energy without instabilities*.

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- Certificate -

The Organising Committee attests that William Celestino Algoner Jorge has participated in the *III José Plínio Baptista School on Cosmology*, and has presented the Poster: *Scalar-Tensor extension of the  $\Lambda$ CDM model*.

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- Certificate -

The Organising Committee attests that Winfried Zimdahl has participated in the *III José Plínio Baptista School on Cosmology*.

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