

Batista dos Santos, Grasielle



Current Position:

Post-doc fellowship at UNIFEI

Previous positions:

Capes Postdoctoral Student

International Center for Relativistic Astrophysics Network – ICRANet

University of Rome "Sapienza"

Postdoctoral student at UNIFEI

Outcome Institution:

Centro Brasileiro de Pesquisas Físicas – CBPF

Publications:

-) Bittencourt, Eduardo; Klippert, Renato; Santos, Grasielle B. *Dynamical wormhole definitions confronted*. Classical and Quantum Gravity, v. 35, p. 155009, 2018.

-) Amelino-Camelia, Giovanni; Brighenti, Francesco; Gubitosi, Giulia; Santos, Grasielle. *Thermal dimension of quantum spacetime*. Physics Letters. B (Print), v. 767, p. 48-52, 2017.

-) G. B. Santos, G. Gubitosi and G. Amelino-Camelia, *On the initial singularity problem in rainbow cosmology*, accepted for publication in JCAP. <http://adsabs.harvard.edu/abs/2015JCAP...08..005S>, IF: 5.634

-) Santos, G. B., Bittencourt, E. and Salim, J. M., *Scalar Perturbations in a Friedmann-like Metric with Non-null Weyl Tensor*, JCAP 1506 (2015) 013. doi:10.1088/1475-7616/2015/06/013, IF: 5.634 <http://adsabs.harvard.edu/abs/2015JCAP...06..013S>

-) Bittencourt, E.; Salim, J.; Santos, G. B.; *Magnetic Fields and the Weyl Tensor in the Early Universe*; Gen. Relat. Grav. **46**, (2014) 1790. doi:10.1007/s10714-014-1790-3, IF: 1.668 <http://adsabs.harvard.edu/abs/2014GReGr..46.1790B>

Meetings, conferences, seminars, schools:

Zeldovich-100 Meeting, March 10-14, 2014, Minsk, Belarus - Subatomic particles, Nucleons, Atoms, Universe: Processes and Structure - International conference in honor of Ya. B. Zeldovich 100th Anniversary

Yerevan, Armenia - 1st Scientific ICRANet Meeting in Armenia: Black Holes: the largest energy sources in the Universe - 30 June - 4 July 2014

"SIGRAV School: Gravity and the Quantum", 1-6 June 2014, Como, Italy.

"SW8: Hot topics in modern cosmology", 11-17 August 2014, Cargese, France.

"Conceptual and technical challenges for Quantum Gravity", 8-12 September 2014, Rome, Italy.

Rencontres du Vietnam. Scalar Perturbations in a Quasi-Friedmann Model With a Non-Null Weyl Tensor. 2015.

"Quantum Gravity Theory and Phenomenology", 20-23 July 2015, Rome, Italy.

XIV Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation, and Relativistic Field Theory, 2015, July 12-18, Rome, Italy.

Third Argentinian-Brazilian Meeting on Gravitation, Astrophysics and Cosmology. Thermal dimension of quantum spacetime. 2016.

First GIFT Symposium, dynamical wormhole definitions confronted. 2017.