VII Escola José Plínio Baptista de Cosmologia

Datas: 23 a 27 de setembro de 2024

Local: Pedra Azul, ES, Brasil

Página do evento: www.cosmo-ufes.org/jpbcosmo7

Palestrantes

- Minicursos
  - Minicurso I: Lucas Macri (NSF NOIRLab, EUA), *Cosmological distance ladder*
  - Minicurso II: Diego Lambas: (UNC, Argentina), *An introduction to the study of large scale structure in the universe*
  - Minicurso III: Mario Santos (University of the Western Cape, South Africa), *Observing the universe with the 21 cm emission*
  - Minicurso IV: Julian Bautista (Université de Marseille, França), *The Euclid and DESI projects*
- Tópicos especiais
  - Tópico I: Valentino Gonzalez (UC, Chile), *JWST and galaxies at high redshift*
  - Tópico II: Gastão Bierrenbach Lima Neto (IAG-USP, Brasil), *Topics on galaxy clusters*
  - Tópico III: Laerte Sodré (IAG-USP, Brasil), *Machine Learning for Photometric Surveys*
- Seminários
  - Seminário I: Carlos Alexandre Wuensche (INPE, Brasil), *The universe in radio waves*
  - Seminário II: José Lemos (IST, Portugal), *Black holes at all scales*
  - Seminário III: Miguel Quartin (UFRJ, Brasil), *Improving LSS analysis with velocities and model-independence*
- Comunicações
  1. Filipe Menezes (UFBA, Brasil): *On the thermodynamics and Hawking radiation of an effective loop quantum corrected black hole*

2. Bruno Bizarria (INPE, Brasil): *Enhancing 21cm Cosmology: Cross-Correlation Strategies and Power Spectrum Forecasts with IM Surveys*
3. Leonardo Giani (UQ, Austrália): *Cosmology from the point of view of an almost spherical cow*
4. Facundo Toscano (IATE-CONICET-UNC, Argentina): *Impact of the recently discovered extragalactic foreground on cosmological parameters*
5. Rodrigo von Marttens (UFBA, Brasil): *A novel approach on cosmological non-linearities as an effective fluid*
6. Valerio Marra (UFES, Brasil): *Beyond homogeneity and isotropy in cosmology*
7. Luiz Filipe Guimarães (UFES, Brasil); *Small-scale tests of Hybrid alpha attractors*
8. Henrique Bonato (UTFPR, Brasil): *Bosonic/fermionic covariant cosmology*
9. Josiel de Souza (UFRJ, Brasil): *Beyond gaussianity for gravitational wave data analysis at high-z cosmology*
10. Felipe da Silva Avila (ON, Brasil): *The distance duality relation for high redshift quasars and gaussian processes*

- Painéis (estarão expostos ao longo de todo o Evento)

1. Alan Miguel Velásquez Toribio (UFES, Brasil): *Born-Infeld and galaxies clusters*
2. Felipe dos Santos Escórcio (UFOP, Brasi): *A scenario of universe expansion promoted by the variation of the gravitational coupling constant*
3. Helissa Helen da Costa (INPE, Brasil): *Comparative study of methods for producing 21 cm emission maps*
4. Itauany do Nascimento Barroso (UFES, Brasil): *Solitonic solutions in Bose-Einstein condensates*
5. Ramon de Sá Pereira (UFF, Brasil): *An empirical investigations into cosmological tensions*
6. Tatiane de Paula Moraes (UFES, Brasil): *Gravitational waves as indicators of cosmological distances, densities, and velocities*
7. Tiago Henrique Barbosa Alves (UFES, Brasil): *Fluid and scalar representation in a Brans-Dicke cosmology*
8. William Antonio Ramirez (UFES, Brasil): *Galaxy scale test for variation in Post-Newtonian γ using strong lensing systems*

Programa

- Segunda, dia 23/09

  09:00-10:00 - Minicurso I
  10:00-10:30 - Pausa
  10:30-11:30 - Minicurso II
  11:30-12:30 - Seminário I
  12:30-15:00 - Pausa almoço
  15:00-16:00 - Tópico I
  16:00-17:00 - Seminário II
  17:00-17:30 - Pausa
  17:30-18:30 - Minicurso III
  18:30-19:30 - Comunicações 1 e 2

- Terça, dia 24/09

  09:00-10:00 - Minicurso I
  10:00-10:30 - Pausa
  10:30-11:30 - Minicurso II
  11:30-12:30 - Seminário III
  12:30-15:00 - Pausa almoço
  15:00-16:00 - Tópico I
  16:00-17:00 - Minicurso III
  17:00-17:30 - Pausa
  17:30-18:30 - Minicurso IV
  18:30-19:30 - Comunicações 3 e 4

- Quarta, dia 25/09

  08:30-09:30 - Minicurso I
  09:30-10:30 - Minicurso II
  10:30-11:00 - Pausa
  11:00-12:00 - Minicurso III
  12:00-13:00 - Minicurso IV
  Tarde livre

- Quinta, dia 26/09

  09:00-10:00 - Minicurso I
  10:00-10:30 - Pausa
  10:30-11:30 - Minicurso II
  11:30-12:30 - Tópico II

12:30-15:00 - Pausa almoço
15:00-16:00 - Minicurso III
16:00-17:00 - Minicurso IV
17:00-17:30 - Pausa
17:30-19:00 - Comunicações 5, 6 e 7

- Sexta, dia 27/09

08:30-09:30 - Tópico II
09:30-10:30 - Tópico III
10:30-11:00 - Pausa
11:00-12:30 - Comunicação 8, 9 e 10
12:30-15:00 - Pausa almoço
15:00-16:00 - Minicurso IV
16:00-17:00 - Tópico III