Rubin Observatory Legacy Survey of Space and Time

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IFT-UNESP&ICTP-SAIFR&LIneA
Participation of the brazilian community in state-of-the-art cosmology projects
20 years Project - 15 TB of data per night (passing through Brazil)
Agreement with LSST for the Brazilian infrastructure (U$2 milhões)
Allows for 10 Principal Investigators from Brazil (+40 in teams)
Challenge: Regional Center for e-Science
Recent European initiative

European Science Cluster of Astronomy & Particle Physics
ESFRI research Infrastructures

ESCAPE part of 2020 European Strategy for Particle Physics

projectescape.eu
Challenge: Regional Center for e-Science

Could this be an interesting framework for LA?
Galaxy surveys are instrumental for the study of the large scale structure of the Universe. These surveys are becoming larger and deeper, producing cosmological (and non-cosmological) results of great importance. The next large survey will be conducted by the Large Synoptic Survey Telescope (LSST), which will have its first light in 2020. In addition, there are several other projects that will have a significant impact on cosmology planned for the same period, with important synergies with LSST. Therefore it is timely to discuss what can be expected from these projects and how we can be prepared to extract information from the future experiments in an efficient and coordinated way. The aim of the workshop is to attract experts in different areas of observational cosmology to discuss recent challenges in the field coming from ongoing and planned projects, as well as to enhance the visibility and participation of the South American community in these projects. The format will be of short talks with time for discussions. Contributed talks will be accepted depending on time availability. We also plan to have a Poster and Early Career Scientist sessions. There is no registration fee.

Organizers:
- Luiz Nicolaci da Costa (Observatório Nacional & LineA, Brazil)
- Jeff Newman (University of Pittsburgh, USA)
- Jorge Noreña (PUC-Vallparaiso, Chile)
- Rogério Rosenfeld (IFT-UNESP & ICTP-SAIFR & LineA, Brazil)
- Domenico Sapon (University of Chile)
- Michael Strauss (Princeton University, USA)
Supposed to take place in April in Buenos Aires

GrACo IV

IV Reunión Argentino-Brasileña de Gravitación, Astrofísica y Cosmología
IV Reunião Argentino-Brasileira de Gravitação, Astrofísica e Cosmologia

POSTPONED UNTIL FURTHER NOTICE DUE TO COVID-19
2020 Activities

Latin American Workshop on Observational Cosmology
December 14-19, 2020

Organizers: Cora Dvorkin, Nelson Padilla, Miguel Quartin & Rogerio Rosenfeld
Thank you