

Online Conference | August 2nd – 6th

COSMO '21

Register to attend at:

caps.ncsa.illinois.edu/conferences/cosmo21/

Let us know what you're excited about! #Cosmo2021

2021 Gruber Prize in Cosmology

COSMO '21 is hosting the award ceremony for the 2021 Gruber Cosmology Prize. As part of the proceedings, prize recipients Marc Kamionkowski of Johns Hopkins University, Uroš Seljak of UC Berkeley, and Matias Zaldarriaga of the Institute for Advanced Study will each give a brief presentation on their work. The online award ceremony will be open to the public and free of charge.



Sponsored and hosted by:

National Center for Supercomputing Applications (NCSA), Center for AstroPhysical Surveys (CAPS), and Illinois Center for Advanced Studies of the Universe (ICASU) at the University of Illinois at Urbana-Champaign.

Invited Speakers

Prateek Agrawal, Oxford University
Cosmology and the Swampland

Mustafa Amin, Rice University
Nonlinear Physics after Inflation

Alexandre Barreira, LMU Munich
Galaxy Formation and Tests of Inflation

Rachael Beaton, Princeton University
Local Measurements of H_0

Nikita Blinov, FermiLab
Dark Matter Clumps

Cliff Burgess, McMaster University
Inflation Status

Sarah Burke-Spolaor, West Virginia University
Astrophysics and Cosmology from NanoGrav

Francesca Calore, CNRS
Gamma-Ray Particle Astrophysics

Elisa Chisari, Utrecht University
Gravitational Lensing Cosmology

Djuna Croon, Durham University
Gravitational Wave Probes of Dark Matter

Claudia de Rham, Imperial College
Effective Field Theories of Gravitation

Elisa Ferreira, University of São Paulo / MPA
Dark Energy

Anne Green, University of Nottingham
Primordial Black Holes

Dan Holz, U. Chicago
Gravitational Wave Cosmology

Isobel Hook, Lancaster University
Supernova Cosmology

Anna Ijjas, Albert Einstein Institute
Alternatives to Inflation

Mansi Kasliwal, Caltech
Multimessenger Astrophysics

Elisabeth Krause, University of Arizona
The Dark Energy Survey

Marius Millea, UC Berkeley
CMB and N_{eff}

Keith Olive, U. Minnesota
Big Bang Nucleosynthesis

Takahiro Tanaka, Kyoto University
Black Hole Probes of Gravity

Risa Wechsler, Stanford/KIPAC
Dark Matter in Galaxies

Kimmy Wu, SLAC
Latest Constraints on Inflation from the CMB