# **Session Program**

7-11 Dec 2020



# Progress on Old and New Themes in cosmology (PONT) 2020

# Invited talks

Palais des Papes, Avignon, Chambre du Trésorier

#### **Monday 7 December**

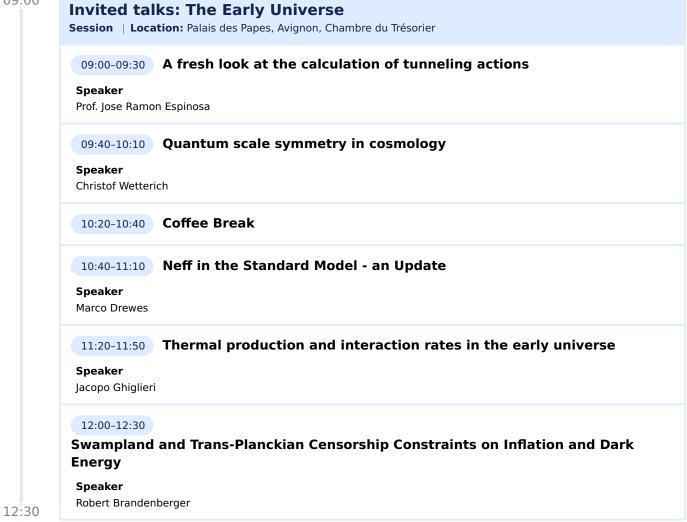
09:00 **Invited talks: Observational Cosmology** Session | Location: Palais des Papes, Avignon, Chambre du Trésorier 09:00-09:30 The early years of weak-lensing in cosmology Speaker Nick Kaiser 09:40-10:10 The Rubin Observatory (previously LSST): status and anticipated cosmology achievements Speaker Pierre Astier 10:20-10:40 Coffee break 10:40-11:10 LiteBIRD, in quest for the primordial gravitational waves Speaker Ludovic Montier 11:20-11:50 The dipole in the galaxy bispectrum Speaker Roy Maartens 12:00-12:25 A crisis in the standard model? Speaker Eleonora Di Valentino 12:30 15:10 **Invited talks: Observational Cosmology** Session | Location: Palais des Papes, Avignon, Chambre du Trésorier 15:10-15:35 The status of cosmological tensions after Planck Speaker Silvia Galli 15:40-16:10 The Hubble Constant Tension/Problem/Crisis Speaker Adam Riess 16:20-16:35 Coffee Break 16:35-17:00 A sound-horizon-agnostic look at the Hubble tension Speaker Prof. Levon Pogosian 17:00

## **Tuesday 8 December**

09:00 **Invited talks: Dark Matter and Dark Energy** Session | Location: Palais des Papes, Avignon, Chambre du Trésorier 09:00-09:30 Primordial Black Holes as a common origin for baryons and dark matter? Sébastien Clesse 09:40-10:10 Dark matter direct detection: present scenario and future prospects Speaker Prof. José Matias-Lopes 10:20-10:40 Coffee Break 10:40-11:10 Effective Field Theory of Dark Energy: current constraints and forecasts Speaker Noemi Frusciante 11:20-11:50 Fifth force searches in galaxies Speaker Dr Harry Desmond 12:00-12:25 New tests for ultra-light dark matter with black hole superradiance Speaker Dr Diego Blas Temino 12:30 15:50 **Invited talks** Session | Location: Palais des Papes, Avignon, Chambre du Trésorier 15:50-16:20 Coffee break 16:20-16:50 Updates on sub-GeV Direct Detection Speaker Tien-Tien Yu 17:00

## **Wednesday 9 December**

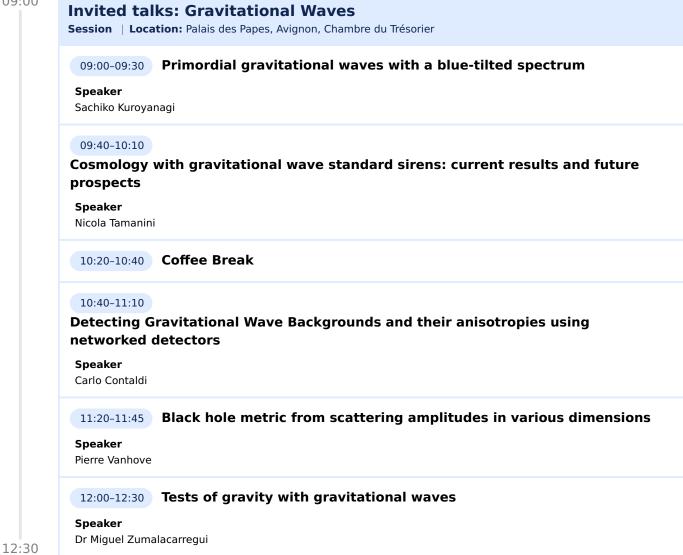
09:00



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## **Thursday 10 December**

09:00



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