

Session Program

25-29 Jul 2016

**The 12th International Workshop Dark Side of
the Universe**

Cosmological Probes of Dark Matter

University of Bergen, Egget auditorium in the UiB Student Center
Parkveien 1, 5007 Bergen, Norway

Wednesday 27 July

11:00

Cosmological Probes of Dark Matter

Session |**Location:** University of Bergen, Egget auditorium in the UiB Student Center, Parkveien 1, 5007 Bergen, Norway

11:00-11:15

Astrophysical Signatures of Dark Matter

Speaker

Chris Kouvaris

11:15-11:30

Constraining dark matter with small-scale structure formation

Speaker

Aurel Schneider

11:30-11:45

Late Kinetic Decoupling from Dark Matter - Dark Radiation Scattering

Speaker

Håvard Tveit Ihle

11:45-12:05

Dark Matter in galaxies: a review

Speaker

Paolo Salucci

12:05-12:20

Detecting self interacting and dissipative dark matter by gravitational waves

Speaker

Prof. Subhendra Mohanty

12:20

Friday 29 July

11:30

Cosmological Probes of Dark Matter

Session |**Location:** University of Bergen, Egget auditorium in the UiB Student Center, Parkveien 1, 5007 Bergen, Norway

11:30-11:45

Relic density at NLO: the thermal corrections

Speaker

Andrzej Hryczuk

11:45-12:00

Relic density of wino-like dark matter in the MSSM

Speaker

Pedro Ruiz-Femenia

12:00-12:15

Cosmological constraints on thermal axions and neutrinos from Planck 2015 temperature and polarization data

Speaker

Eleonora Di Valentino

12:15-12:30

Dark matter annihilations and 21cm signal

Speaker

Laura Lopez Honorez

12:30