

Session Program

7-11 Sept 2015



COSMO-15, the 19th annual International Conference on Particle Physics and Cosmology

Dark Matter

Warsaw, Poland

University of Warsaw, 26/28 Krakowskie Przedmieście Street in the building of the Old Library

Tuesday 8 September

14:00

Dark Matter: DM

Session | Location: Rm 207 | Convener: Ki-Young Choi

14:00-14:20

Detecting Particle Dark Matter Signatures by Cross-Correlating Gamma-Ray Anisotropies with Weak Lensing

Speaker
Stefano Camera

14:20-14:40

Interplay of ID, DD, and LHC searches in the MSSM

Speaker
Enrico Maria Sessolo

14:40-15:00

Explaining the Galactic Center Excess with the MSSM

Speaker
Alejandro Lopez

15:00-15:20

The relic density of heavy neutralinos

Speaker
Andrzej Hryczuk

15:20-15:40

Nano-explosive detector for Dark Matter and Neutrinos

Speaker
Maciej Gorski

15:40

16:10

Dark Matter: DM

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16:10-16:30

The Warmness of Dark Matter from the Lyman alpha forest

Speaker
Antonella Garzilli

16:30-16:50

Minimal Asymmetric Dark Matter

Speaker
Martin Krauss

16:50-17:10

XENON Dark Matter Search

Speaker
Christopher Geis

17:10-17:30

Dark-Matter Bound States from Feynman Diagrams

Speaker
Marieke Postma

17:30-17:50

A search for dark matter annihilation in the newly discovered dwarf galaxy Reticulum 2

Speaker

Savvas Koushiappas

17:50-18:10

Cosmological black holes and accretion: causal structure and models for the dark sector

Speaker

Daniel Guariento

18:10

Thursday 10 September

14:00

Dark Matter: DM

Session | Location: Rm 207 | Convener: Kiwoon Choi

14:00-14:20 **Inflationary Imprints on Dark Matter**

Speaker
Tommi Tenkanen

14:20-14:40

Cogeneration and Pre-annihilation of Dark Matter by a New Gauge Interaction

Speaker
Stephen Barr

14:40-15:00

Diluting the inflationary axion fluctuation by a stronger QCD in the early Universe

Speaker
Sang Hui Im

15:00-15:20

Generating Luminous and Dark Matter During Inflation

Speaker
Neil Barrie

15:20-15:40

Dark matter with low reheating temperature

Speaker
Krzysztof Turzyski

15:40

16:10

Dark Matter: DM

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16:10-16:30

Newtonian linear perturbations from the Schroedinger-Poisson equations

Speaker
Adam Christopherson

16:30-16:50

IceCube potential for detecting Q-ball dark matter

Speaker
Shinta Kasuya

16:50-17:10

Constraining the dark matter by 21cm signals

Speaker
Kenji Kadota

17:10-17:30

Super-weakly interacting Dark Matter

Speaker
Alexey Boyarsky

17:30-17:50

Constraining the lifetime of Dark Matter

Speaker
Thomas Tram

17:50-18:10 **A stable Higgs portal with vector dark matter**

Speaker
Mateusz Duch

18:10