

Session Program

18-22 Jul 2022



IDM 2022

Poster session

Tuesday 19 July

19:00

Poster session: Posters

Session |

Location: Technical University Vienna (TU Wien) Faculty of Electrical Engineering and Information Technology
Gusshausstraße 27-29 A-1040 Vienna

19:00–20:00

The Second Love Number of Dark Compact Planets and Neutron Stars with Dark Matter

Speaker

Yannick Dengler

19:00–20:00

The COSINUS experimental facility at Gran Sasso

Speaker

Dr Martin Stahlberg

19:00–20:00

Influence of GEANT4 Physics List

Speaker

Dr Holger Martin Kluck

19:00–20:00

Photomultiplier Characterisation and its Impact on Background for SABRE South

Speaker

Madeleine Zurowski

19:00–20:00

First measurement Results from DANAE - Demonstrating DePFET RNDR on a prototype Matrix

Speaker

Dr Holger Martin Kluck

19:00–20:00

Background model fitting in the LUX-ZEPLIN experiment

Speaker

Aiham Al Musalhi

19:00–20:00

Energy calibration of the XENONnT Experiment

Speaker

Mr Henning Schulze Eißing

19:00–20:00

Levitated Systems for Directional Direct Dark Matter Detection

Speaker

Ms Fiona Alder

19:00–20:00

Testing spin-dependent dark matter with lithium targets in CRESST-III

Speaker

Felix Wagner

19:00–20:00

A high performance piston pump for ultra-clean noble gas experiments

Speaker

Philipp Schulte

19:00–20:00

Multi-component dark sectors: the role of asymmetries and conversions**Speaker**

Mr Drona Vatsyayan

19:00–20:00

Warm dark matter searches from the Galactic halo**Speaker**

Ariane Dekker

19:00–20:00

COSINUS water Cherenkov muon veto status and material screening results**Speaker**

Matthew Jake Stukel

19:00–20:00

COSINUS projections for the cross-check of DAMA/LIBRA results**Speaker**

Vanessa Zema

19:00–20:00

ELOISE - Reliable background simulation at sub-keV energies**Speaker**

Dr Holger Martin Kluck

19:00–20:00

Paleo detectors for Dark Matter and Neutrinos**Speaker**

Sebastian Baum

19:00–20:00

Density functional theory guides the search for dark matter particles in direct detection experiments**Speaker**

Marek Matas

19:00–20:00

Identification and Removal of Coincidence Backgrounds in the LUX-ZEPLIN experiment**Speaker**

Daniel Hunt

19:00–20:00

Disentangling Sub-GeV DM from the Diffuse Supernova Neutrino Background using Hyper-Kamiokande**Speaker**

Dr Sandra Robles

19:00–20:00

Impact of nuclear structure on nuclear responses to WIMP elastic scattering**Speaker**

Ms Raghda Abdel Khaleq

19:00–20:00

Results from a broadband search for Hidden-Photon dark matter using a cryogenic dish and kinetic inductance parametric amplifiers**Speaker**

Dr Karthik Ramanathan

19:00–20:00

How do the dynamics of the Milky Way - Large Magellanic Cloud system affect gamma-ray constraints on particle dark matter?**Speaker**

Christopher ECKNER

19:00–20:00

Energy accumulation and releases in materials: general expectations and current results for NaI(Tl)**Speaker**

sergey pereverzev

19:00–20:00

What surfaces in dark matter detectors**Speaker**

sergey pereverzev

19:00–20:00

Neutron simulation studies and their implications for CRESST**Speaker**

Alexander Fuss

19:00–20:00

USING A LIKELIHOOD FIT TO IDENTIFY RADIOACTIVE BACKGROUND COMPONENTS IN THE CRESST EXPERIMENT**Speaker**

Jens Burkhart

19:00–20:00

Low-energy effective description of dark $Sp(4)$ theories**Speaker**

Marco Nikolic

20:00