

Session Program

Feb 26 - 28, 2024

CRT Group Workshop (DPG 2024 Rehearsals)

Session

KIT - CN, B 425 R 130

or via zoom (participation only, no presentation): <https://zoom.us/j/92664730593?pwd=ZkZMZVJhVkjHR2oxcm9lY0xkR2h2Zz09>

Mon, February 26

2:00 PM

Session

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14:00 - 14:30

Accessing the Cosmic-Ray Energy Scale with the Auger Engineering Radio Array

Speaker

Max Büsken

14:30 - 15:00

Radio signal and uncertainty estimation for the Radio Detector of the Pierre Auger Observatory

Speaker

Sara Martinelli

3:30 PM

4:00 PM

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16:00 - 16:30

Sensitivity of IceCube-Gen2 for Cosmic-Ray Anisotropy Studies

Speaker

Wenjie Hou

16:30 - 17:00

Event-by-event reconstruction of air-shower events with IceCube using a two component lateral distribution function

Speaker

Mark Weyrauch

17:00 - 17:30

Sub-PeV Cosmic-Ray Measurements at IceCube

Speaker

Julian Saffer

5:30 PM

Tue, February 27

11:00 AM

Session: Session

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11:00 - 11:30

Towards an Autonomous Trigger for the Detection of Air-Shower Radio Emission

Speaker

Mrs Jelena Köhler

11:30 - 12:00

Modelling the Radio Emission of Inclined Cosmic-Ray Air Showers in the 50–200 MHz Frequency Band for GRAND

Speaker

Lukas Gülzow

12:00 - 12:30

Development of a spatial resolving scintillator readout system - "MIP-Cube"

Speaker

Philippe Bruder

12:30 PM

2:00 PM

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14:00 - 14:30

Metadata curation efforts at Cascade Cosmic-Ray Data Centre

Speaker

Victoria Tokareva

14:30 - 15:00

Neural Networks for simulating Air-Shower Radio Emission

Speaker

Pranav Sampathkumar

15:00 - 15:30

Searching for sub-TeV neutrino counterparts with IceCube for sub-threshold Gravitational Wave events

Speaker

Tista Mukherjee

15:30 - 16:00

First results with the Station 0 of the IceCube Surface Array Enhancement

Speaker

S Shefali

4:00 PM

4:00 PM

5:30 PM

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Wed, February 28

11:00 AM

Session: Session

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11:00 - 11:30

Citizen Science in Data-Intensive Physics: PUNCH4NFDI Perspective

Speaker

Victoria Tokareva

11:30 - 12:00

Radio Measurements with an IceCube-Gen2 Surface Station installed at the Pierre Auger Observatory

Speaker

Carmen Merx

12:00 - 12:30

IceCube-Gen2 Surface Array: Science Case and Plans

Speaker

Frank Schröder

1:00 PM

2:00 PM

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14:00 - 14:30

Gamma-Hadron Separation at the IceCube Neutrino Observatory

Speaker

Federico Bontempo

14:30 - 15:00

The IceCube Surface Array Enhancement and cosmic-ray observation with radio

Speaker

Megha Venugopal

15:00 - 15:30

Extensive air shower simulations -- successes and challenges

Speaker

Tim Huege

4:00 PM