

Session Program

Nov 24 - 27, 2022



26.

**Deutsche
Physikerinnentagung**

German Conference of Women in Physics

26. Deutsche Physikerinnentagung 2022 (German Conference of Women in Physics)

Physics Talks - Astroparticle Physics

Karlsruhe Institute of Technology
<https://www.kit.edu/campusplan>

Sat, November 26

9:00 AM

Physics Talks - Astroparticle Physics

Session |

Location: KIT Campus South, Gaede-Hörsaal, KIT Campus map: <https://www.kit.edu/campusplan/> Building: 30.22
Room: 130.1 Address: Campus South, Gaede Hörsaal Coordinates: 49.01265, 8.41044

09:00 – 09:15

Development of a Second-Level Trigger for the Autonomous Detection of Air-Shower Radio Emission

Speaker

Jelena Petereit

09:15 – 09:30

Improving the external trigger of AERA for extensive air showers at the Pierre Auger Observatory

Speaker

Ms Rukije Uzeiroska

09:30 – 09:45

Radio neutrino detection with RNO-G

Speaker

Karen Terveer

09:45 – 10:00

MACS J1423.8+2404: gravitational lensing by a massive, relaxed cluster of galaxies at $z = 0.54$

Speaker

Patel Nancy

10:00 – 10:15

Observing Dark Matter in Galaxy Clusters with Strong Lensing and MUSE Spectroscopy

Speaker

Catherine Cerny

10:15 – 10:30

Strong gravitational lensing: Nature's cosmic telescope to reveal dark matter and the faintest galaxies in the universe

Speaker

Guillaume Mahler

10:30 AM