

Session Program

2-27 Feb 2015

Dark Matter:

**Astrophysical probes,
Laboratory tests, and
Theory aspects**



Feb 2015

Munich Institute for Astro- and Particle Physics

Dark Matter: Astrophysical probes, Laboratory tests, and Theory aspects

DM and Neutrinos

MIAPP

Boltzmannstraße 2 85748 Garching Germany

Friday 20 February

14:00

DM and Neutrinos

Session | **Location:** MIAPP, Boltzmannstraße 2 85748 Garching Germany | **Convener:** Carsten Rott

14:00–14:20

Sensitivity of neutrino telescopes to solar dark matter annihilations into light quarks, electrons and muons

Speaker

Sebastian Wild

14:20–14:40

Detecting WIMPs with MeV neutrinos from the sun

Speaker

Sergio Palomares-Ruiz

14:40–15:00

EFT and IceCube results

Speaker

Carsten Rott

15:00–15:20

Interpreting the IceCube events by PeV-scale decaying DM

Speaker

Arman Esmaili Taklimi

15:20–15:40

Improved Dark Matter Clustering: With or Without Nu

Speaker

Basudeb Dasgupta

15:40–16:00

Impact of neutrinos on direct dark matter searches

Speaker

Achim Gütlein

16:00