

Session Program

21-28 Feb 2019



Arbeitstreffen Kernphysik 2019

Dark Matter and Dark Matter Detectors - Seminar

Touristic Information Center "Haus des Gastes" in Schleching, Schulstraße 4
Tel. 08649-220

Thursday 21 February

17:00



18:00

Dark Matter and Dark Matter Detectors - Seminar: 1

Session | **Location:** Touristic Information Center "Haus des Gastes" in Schleching, Schulstraße 4, Tel. 08649-220

17:00–18:00

Introductory DM theory and theoretical introduction to direct detection

Speaker

Rahul Mehra

Friday 22 February

18:30

Dark Matter and Dark Matter Detectors - Seminar

Session | **Location:** Touristic Information Center "Haus des Gastes" in Schleching, Schulstraße 4, Tel. 08649-220

18:30–19:00

Introduction to axions

Speaker

Jillur Rahman

19:00–19:30

Axion experimental searches

Speaker

Vincent Klaer

19:30

Monday 25 February

18:30

Dark Matter and Dark Matter Detectors - Seminar

Session | **Location:** Touristic Information Center "Haus des Gastes" in Schleching, Schulstraße 4, Tel. 08649-220

18:30–19:00

General introduction of XENON1T

Speaker

Michael Murra

19:30

19:00–19:30

General introduction of CRESST

Speaker

Michele Mancuso

Wednesday 27 February

10:45

Dark Matter and Dark Matter Detectors - Seminar

Session | **Location:** Touristic Information Center "Haus des Gastes" in Schleching, Schulstraße 4, Tel. 08649-220

10:45–11:05 **Analysis chain of XENON1T**

Speaker

Miguel Angel Vargas Jara

11:05–11:25 **Harvesting prototype measurements for DM results**

Speaker

Elia Bertoldo

11:25–11:45 **Ultra-low-background for rare event searches**

Speaker

Christoph Wiesinger

11:45–12:00 **Light detection in CRESST**

Speaker

Elizabeth Mondragon Cortes

12:00