

Session Program

11-13 Oct 2026

Zermatt Millimeter Telescope - Science and Technical Meeting

Monday afternoon

Swiss Polar Institute, SPI Library "Reading Room", 3rd Floor
Route des Ronquos 86 1950 Sion

Monday 12 October

14:00

Monday afternoon: mm Science - Lessons from other mm Facilities

Session | **Location:** Swiss Polar Institute, SPI Library "Reading Room", 3rd Floor, Route des Ronquos 86 1950 Sion | **Convener:** Chin-Shin Chang

14:00–14:20 The Global mm-VLBI Array in the Next Generation of Millimetre VLBI

Speaker
Prof. Eduardo Ros

14:40–15:00 The Wetterstein Millimeter Telescope: A Few Hundred Megalambdas Northeast of Zermatt

Speaker
Matthias Kadler

15:00–15:20 AMT Science

Speaker
Heino Falcke

15:20–15:40

Operating a large telescope in a high-mountain environment: the case of the IRAM 30-meter telescope

Speaker
Miguel Sánchez-Portal

15:40

16:00

Monday afternoon: mm Science - Lessons from other mm Facilities (continued)

Session | **Location:** Swiss Polar Institute, SPI Library "Reading Room", 3rd Floor, Route des Ronquos 86 1950 Sion | **Convener:** Mark Sargent

16:00–16:10 Presentation of JIVE

Speakers
Bob Campbell, Marjolein Verkoeter

16:10–16:30 Optimizing the scientific impact of mid-class millimetre-wavelength telescopes

Speaker
Andrei P. Lobanov

16:30–16:50 Protecting Radio Astronomy in the Era of LEO Constellations

Speaker
Axel Murk

16:50

16:50

Monday afternoon: mm Science - Future Swiss Science interests

Session | **Location:** Swiss Polar Institute, SPI Library "Reading Room", 3rd Floor, Route des Ronquos 86 1950 Sion | **Conveners:** Mark Sargent, Chin-Shin Chang

16:50–17:10 Black hole lightning

Speaker
Andrii Neronov

17:10–17:30 Probing Persistent and Transient Massive Black Hole Accretion at Millimeter Wavelengths

17:30

Speaker
Claudio Ricci

17:40

Monday afternoon: mm Science - Future Swiss Science interests (continued)

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17:40–17:55 **Solar flares at mm wavelengths**

Speaker
Säm Krucker

17:55–18:10 **Unveiling magnetic origins of solar activity using mm/submm and optical observations**

Speaker
Svetlana Berdyugina

18:10–18:30

Global Geodetic VLBI, Swiss Contributions, and the Geodetic Potential of the Zermatt Millimeter Telescope

Speaker
Dr David Schunck

18:30–18:50 **Composition of the atmospheres of icy moons**

Speaker
Prof. Peter Wurz

18:50