Universität Bern
Institut für Angewandte Physik
Sidlerstrasse 5
3012 Bern, Schweiz

Telefon: +41 (0)31 631 89 11
E-Mail: iapemail.iap@unibe.ch
www.iap.unibe.ch

UNIVERSITÄT BERN

Microwave Physics and Atmospheric Physics

Referent/in/speaker: Paola di Ninni, Italian National Institute for Astrophysics (INAF)

Titel/title: Radio astronomy projects at INAF

The Italian National Institute for Astrophysics (INAF) is a public research institute consisting of more than 1,400 people organized into 16 institutes spread from the North to the South of Italy.
After an introduction to the diverse activities at INAF within the fields of technology, astronomy, and astrophysics, I will focus on the field of radio astronomy by giving an overview of the Italian infrastructure: three radio telescopes located in Sardinia, Sicily, and Emilia-Romagna, and INAF's contribution to international projects such as SKA and ALMA. I will conclude by talking about my research experience at INAF, where I dedicate my time to technologies for radio astronomy—an exciting field that bridges cutting-edge engineering with our deepest questions about the universe. Specific topics of my talk will be the design of phase array feeds for RFI mitigation and the antennas for SKA-LOW.

Zeit/time: Friday, 6 November 2026, 10:15

Ort/place: Room A97
https://unibe-ch.zoom.us/j/97081325603?pwd=d0ozME5xOS9pQVNxallLem81VHQyZz09
Meeting ID: 970 8132 5603
Passcode: iapmw