

European Conference on Amateur Radio Astronomy EUCARA

Bad Münstereifel-Eschweiler, Germany
September 16th - 17th, 2023

Preliminary Schedule

Note: All times are given in CEST (German local time). This is 2 hours ahead of UTC.

Friday, September 15th, 2023

This is the “unofficial” day. The Astropeiler site is open from 11:00 onwards for participants who arrive on that day and want to have an informal chat with other participants. This is also an opportunity to have a look at the various telescopes on site.

Saturday, September 16th, 2023

(Online participation will cover the time from 9:30 until 13:05)

9:00	Registration
9:30	Opening of conference, welcome and announcements; organizational matters
10:00	Keynote speech Fast Radio Bursts: an increasing complex astronomical mystery Laura Spitler, Max-Planck Institute for Radio Astronomy
11:00	Fast Radio Burst and Magnetar Observations with the Stockert Telescope Wolfgang Herrmann, Astropeiler Stockert e.V.
11:30	Coffee Break
11:45	Title to be determined Andrew Thomas
12:15	Status of the BRAMS and MOMSTER projects Hervé Lamy, Royal Belgian Institute for Space Aeronomy
12:45	Technical details of the Effelsberg radio telescope Gerhard Stramm, Astropeiler Stockert e.V.
13:05	Lunch

- 14:00 Departure for Effelsberg via Bus
Guides at Effelsberg: Norbert Junkes, Max-Planck Institute for Radio Astronomy
Gerhard Stramm, Astropeiler Stockert e.V.
- 17:00 Return from Effelsberg via Bus
- 19:00 Conference Dinner

Sunday, September 17th, 2023

(Online participation will cover the time from 9:00 until 12:45)

- 9:00 Cosmic Radiation detection by muon counting
Paul Hearn
- 9:30 Keynote Speech
On the way to the fifth Bonn survey: The Effelsberg-Bonn HI Survey (EBHIS)
Jürgen Kerp, Argelander-Institute for Astronomy, University of Bonn
- 10:30 Mini maser telescope: observing astrophysical masers with a small backyard dish.
Eduard Mol
- 11:00 Coffee Break
- 11:15 Recent observing techniques at the Dwingeloo telescope
Tammo Jan Dijkema and Thomas Telkamp, CAMRAS
- 11:45 PiRaTe - The Pi Radio Telescope: A modular, hard- and software
open-source amateur radio telescope platform
Hans-Georg Zaunick, II. Physikalisches Institut, Justus-Liebig-Universität Gießen
- 12:15 Overview of the Stockert Radio Telescopes
Wolfgang Herrmann, Astropeiler Stockert
- 12:45 Lunch
- 14:00 Stockert site tour and demonstrations, Posters:
25-m dish
The smaller L-band dishes
The 10-m dish for Ku-/Ka band
- Opportunity to measure the noise figure of LNAs