

Tuesday 7 June

09:20

Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Jaime Alvarez-Muniz

09:20-09:50

Recent results from CODALEMA and the Nan\c cay radio facilities related to cosmic-ray measurements

Speaker

Mr Richard Dallier

09:50-10:10

A Study of radio frequency spectrum emitted by high energy air showers with LOFAR

Speaker

Dr Laura Rossetto

10:10-10:30

Nanosecond-level time synchronization of AERA using a beacon reference transmitter and commercial airplanes

Speaker

Tim Huege

10:30 11:00

Presentations

Session | Location: Groningen, Netherlands | Convener: Sijbrand De Jong

11:00-11:30

Overview of lunar detection of ultra-high energy particles and new plans for the $\ensuremath{\mathsf{SKA}}$

Speaker

Clancy James

11:30-11:50 Sensitivity of lunar particle-detection experiments

Speaker

Justin Bray

11:50-12:10 Search for Cosmic Particles with the Moon

Speaker

Dr Tobias Winchen

12:10-12:30 TEC, Trigger and Check: preparing LOFAR for Lunar observations

Speaker

Sander ter Veen

12:30

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Mr Richard Dallier

14:00-14:30 ANITA: Current Status and Future Plans

Speaker

Dr Cosmin Deaconu

14:30-14:50 Search for Cosmic Ray real-time identification with Radio antennas

Speaker

Antonio Bonardi

14:50-15:10

Influence of atmospheric electric fields on air-shower radio emission measured with AERA

Speaker

Julian Rautenberg

15:10

16:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Prof. Kael Hanson

16:00-16:30 Neutrino Astronomy: What did we learn, Where should we aim?

Speaker

Eli Waxman

16:30-16:50

Results and Perspectives of the Auger Engineering Radio Array (overview talk)

Speaker

Christian Glaser

16:50-17:10

SLAC T-510: Accelerator measurements of radio emission from particle cascades in the presence of a magnetic field

Speaker

Katharine Mulrey

17:10-17:30

Modeling of radio emission from a particle cascade in magnetic field and its experimental validation

Speaker

Anne Zilles

Wednesday 8 June

09:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Jörg Hörandel

09:00-09:30 Status of air-shower measurements with sparse radio arrays

Speaker

Frank Schröder

09:30-09:50 Tunka-Rex: Status, Plans, and Recent Results

Speaker

Frank Schröder

09:50-10:10

In-situ absolute calibration of electric-field amplitude measurements with the radio detector stations of the Pierre Auger Observatory

Speaker

Florian Briechle

10:10-10:30 Simulation of the Radiation Energy Release in Air Showers

Speaker

Christian Glaser

10:30 11:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: R. Lahmann

11:00-11:20

Acoustic detection of high energy neutrinos in Sea Water: Status and Prospects

Speaker

Robert Lahmann

11:20-11:45

Acoustic detection of UHE neutrinos in the Mediterranean sea: status and perspective.

Speaker

Francesco simeone

11:45-12:05

Construction and test of a multi-purpose deep sea hydrophone array in KM3NeT-Italia

Speakers

Francesco Simeone, Salvatore Viola

12:05-12:25

Data acquisition system for the hydrophone array of KM3NeT-Italia: quest for acoustic UHE neutrino searches

Speakers

Francesco Simeone, Salvatore Viola

12:25-12:45

Development of an acoustic sensor for the future IceCube-Gen2 detector for neutrino detection and position calibration

Speaker

Dirk Heinen

Thursday 9 June

09:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Tim Huege

09:00-09:30 Cosmic-ray mass composition with LOFAR

Speaker

Stijn Buitink

09:30-09:50

Towards a cosmic-ray mass-composition study at Tunka Radio Extension

Speaker

Dmitriy Kostunin

09:50-10:10

Estimation of the composition of cosmic rays from radio measurements with the Auger Engineering Radio Array.

Speaker

Florian Gaté

10:10-10:30

The influence of the atmospheric refractive index on radio measurements of extensive air showers

Speaker

Arthur Corstanje

10:30 11:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Antonio Capone

11:00-11:30 Acoustic detection of high energy neutrinos in Fresh water

Speaker

Prof. Nikolay Budnev

11:30-11:50

Signal classification and event reconstruction for acoustic neutrino detection in sea water with KM3NeT

Speaker

Dominik Kießling

11:50-12:10 A large fiber sensor network for an acoustic neutrino telescope

Speaker

Dr Ernst-Jan Buis

12:10-12:30 EnEx-RANGE - Robust autonomous Acoustic Navigation in Glacial icE

Speaker

Dirk Heinen

14:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Prof. Stephanie Wissel

14:00-14:30 Acoustics in water: synergies with marine biology

Speaker

Dr Mike van der Schaar

14:30-15:00 Recent results from the ARIANNA neutrino experiment

Speaker

Dr Anna Nelles

15:00-15:30

Radio Detection of UHE Neutrinos in Ice at the South Pole: The ARA Experience and New Ideas

Speaker

Prof. Kael Hanson

15:30-15:50

Experimental calibration of the ARA neutrino telescope with an electron beam in ice

Speaker

Keiichi Mase

15:5016:20

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Keiichi Mase

16:20-16:40 Analysis updates for ARA

Speaker

Mr Ming-Yuan Lu

16:40-17:00 Background Rejection in the ARA Experiment

Speaker

Carl Gilbert Pfendner

17:00-17:20

Phenomenology of transition radiation at radio frequencies from ultrahigh-energy showers

Speaker

Jaime Alvarez-Muniz

17:20-17:40 On the radar detection of neutrino induced particle cascades in ice

Speaker

Krijn de Vries

Friday 10 June

09:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Julian Rautenberg

09:00-09:30

Phased arrays: A strategy to lower the energy threshold for neutrinos

Speaker

Prof. Stephanie Wissel

09:30-09:50 Proposal for a Giant Radio Array for Neutrino Detection

Speaker

Olivier Martineau

09:50-10:10 The ExaVolt Antenna: Concept and Development Updates

Speaker

Carl Gilbert Pfendner

10:10-10:30

Constraining ultra-high-energy cosmic ray models with cosmogenic neutrino predictions

Speaker

Dr Arjen van Vliet

10:30 11:00

Presentations: Presentations

Session | Location: Groningen, Netherlands, Hampshire Plaza Hotel | Convener: Rolf Nahnhauer

11:00-11:30 Ultimate precision in cosmic-ray radio detection - the SKA

Speaker

Tim Huege

11:30-11:50

Simulation study on high-precision radio measurements of the depth of shower maximum with SKA1-low

Speaker

Anne Zilles

11:50-12:10

Measurement of horizontal air showers with the Auger Engineering Radio Array

Speaker

Olga Kambeitz

12:10-12:30 closing