



# 1st Nordic Meeting on Neutrino and Radio Astronomy

## Monday 27 May 2024

### Session: 1 - Scantiasalen (13:00 - 14:29)

-Conveners: Susanne Aalto

time	[id] title	presenter
13:00	[1] Introduction	TJUS, Julia
13:18	[2] The millimeter-continuum emission of radio-quiet AGN	DEL PALACIO, Santiago
13:53	[3] Thick as thieves - CONs as potential sources of high energy neutrinos	AALTO, Susanne
14:11	[40] Possible jet contributivo to gamma days in NGC1068	SALVATORE, Silvia

### Session: 2 - Scantiasalen (15:00 - 16:11)

-Conveners: Ilja Jaroschewski

time	[id] title	presenter
15:00	[4] Galactic diffuse emission	MERTSCH, Philipp
15:35	[5] AGN jets at all scales	BACZKO, Anne-Kathrin
15:53	[6] High-energy neutrinos & supermassive binary black holes	BRITZEN, Silke

### Session: 3 - Scantiasalen (16:45 - 18:14)

-Conveners: Erin O'Sullivan

time	[id] title	presenter
16:45	[34] History of neutrino astronomy	KATZ, Uli
17:20	[9] The Changes view of galaxies	DETTMAR, Ralf-Jürgen
17:38	[10] The highest angular resolution view on TXS0506+056 with mm-VLBI	EPPEL, Florian
17:56	[11] What Distinguishes Neutrino-Bright AGN?	GALLAGHER, Jay

## Tuesday 28 May 2024

### Session: 4 - Scantiasalen (09:00 - 10:30)

-Conveners: Talvikki Hovatta

time	[id] title	presenter
09:00	[12] A Guide to Neutrino Measurements for Astronomers	FINLEY, Chad
09:35	[13] Neutrinos from the Galactic Plane with IceCube	HELLRUNG, Jonas
09:53	[14] High-frequency radio monitoring of neutrino candidate blazars in total and polarized intensity	HESSDÖRFER, Jonas
10:11	[15] Multi-Messenger Modeling of precessing Blazar Jets	JAROSCHEWSKI, Ilja

### Session: 5 - Scantiasalen (11:00 - 12:45)

-Conveners: Olga Botner

time	[id] title	presenter
11:00	[24] Status of neutrino astronomy	FRANCKOWIAK, Anna
11:35	[25] Application of the radio detection technique in neutrino astronomy	GLASER, Christian
12:10	[31] The mm-continuum emission in accreting supermassive black holes and its relation with X-ray emission	RICCI, Claudio

### Session: 6 - Scantiasalen (14:15 - 16:02)

-Conveners: Chad Finley

time	[id] title	presenter
14:15	[20] Observations of Neutrino Sources with Next-Generation Radio Facilities	KADLER, Matthias
14:50	[21] Association of IceCube neutrinos with major blazar flares?	KOUCH, Pouya M.
15:08	[23] High sensitivity multi- band radio studies of NGC 1068 across time	MUTIE, Isaac BESWICK, Rob
15:26	[32] African Millimetre Telescope- project	LINDFORS, Elina
15:44	[18] Cosmic neutrinos from radio-loud and radio-quiet AGN	KUN, Emma

### Session: 7 - Scantiasalen (16:35 - 17:35)

-Conveners: Emma Kun; Dominik Elsässer

time	[id] title	presenter
16:35	[26] brainstorming: how to optimize radio and neutrino synergies	AUTHORS, Various

# Wednesday 29 May 2024

## Session: 9 - Scantiasalen (09:00 - 10:30)

-Conveners: Markus Ahlers

time	[id] title	presenter
09:00	[27] Low-frequency radio polarization as a probe of cosmic magnetic fields	HORELLOU, Cathy
09:35	[28] Monitoring of AGN jets at mm and cm wavelengths	MYSERLIS, Ioannis
09:53	[29] Neutrinos from blazar flares	OIKONOMOU, Foteini
10:11	[30] Southern- Hemisphere VLBI and MeerKAT Observations of Neutrino-Candidate Radio Sources	RÖSCH, Florian

## Session: 10 - Scantiasalen (11:00 - 12:28)

-Conveners: Foteini Oikonomou

time	[id] title	presenter
11:00	[33] Cosmic rays in the context of astrochemical studies of obscured galaxy nuclei	VITI, Serena
11:35	[39] Why do geodesists need quasars?	HAAS, Rüdiger
12:10	[17] VLBI studies of the blazar-neutrino connection and acceleration of particles	KOVALEV, Yuri

# Thursday 30 May 2024

## **Session: 12 - Scantiasalen (09:00 - 09:56)**

**-Conveners: Talvikki Hovatta**

time	[id] title	presenter
09:00	[37] VLBI observations and radio monitoring of the neutrino candidate nuclear transient source, AT2019aalc	VERES, Patrik Milan
09:18	[16] Microquasar Cyg X-3 – a unique jet-wind neutrino factory	KOLJONEN, Karri

## **Session: 13 - Scantiasalen (10:26 - 13:12)**

**-Conveners: Christian Glaser; Carmen Toribio Perez**

time	[id] title	presenter
10:26	[35] AI-Driven Knowledge Gain In Neutrino Astronomy	RHODE, Wolfgang
11:01	[8] The future of neutrino astronomy	BUSTAMANTE, Mauricio
11:36	short break	
11:46	[41] GraphNeT 2.0 - a Deep Learning Library for neutrino telescopes	ØRSØE, Rasmus
12:04	[38] Brainstorming AI in neutrino- radio astronomy	AUTHORS, Various