

EVN Mini-Symposium Programme
(all times are Central European Summer Time)

Monday 12 July 2021

9.30-9.40	Tiziana Venturi and Denise Gabuzda	Welcome
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AGN I

Chairs: Tiziana Venturi, Marco Bondi

9.40–10.00	Yuri Y. Kovalev	Geometry transition as a common effect in nearby jets of active galaxies
10.00–10.20	Daria Zobnina	Stacked linear polarization properties of AGN parsec-scale jets at 15 GHz
10.20–10.40	Florian Roesch	Locating the gamma-ray Emitting Region in the Blazar 4C+01.28
11.00–11.20	Ivan Kramarenko	A decade of joint MOJAVE--Fermi AGN monitoring: localisation of the gamma-ray emission region
11.20–11.40	Alexander Plavin	Neutrino production in bright blazars: VLBI is the key
11.40–12.00	Silke Britzen	Exploring AGN jet physics with the help of high energy neutrinos
12.00–12.20		Poster talks – 9 X 2 min

EVN Users' Meeting

Chair: Francisco Colomer, Noemi Pinilla Alonso

15.00–15.10	Zsolt Paragi	VLBI 20-30: a scientific roadmap for the next decade
15.10–15.25	Kazi Rygl	Proposing for EVN observations
15.25–15.35	Alastair Gunn	Scheduling of EVN observations
15.35–15.50	Ilse van Bemmelen & Benito Marcote	Resources available for EVN users
15.50–16.00		<i>Questions/Discussion</i>
16.10–16.25	Sravani Vaddi	User experience – continuum project
16.25–16.40	Michal Durjusz	User experience – spectral line project
16.40–16.50	Olga Bayandina	Preliminary results from the EVN User Feedback Survey
16.50–17.00		<i>Questions/Discussion</i>

Tuesday 13 July 2021

Galactic

Chair: Anna Bartkiewicz, Andreas Brunthaler

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| 9.30–9.50 | Ross Burns | VLBI monitoring of the 6.7 GHz methanol masers during a high-mass protostellar accretion burst |
| 9.50–10.10 | Andrey Sobolev | VLBI studies of accretion onto young massive stars: synergy with single-dish monitoring and submm/IR observation |
| 10.10–10.30 | Juan Climent | Uncovering the radio emission of low-mass systems |
| 10.30–10.50 | Tanya Koryukova | A study of the Milky Way scattering properties based on multi-frequency VLBA observations of the AGN core sizes |
| 10.50–11.00 | | Poster talks – 5 X 2 min |

Gravitational Physics & Theory

Chair: Yuri Kovalev, TBD

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| 11.20–11.40 | Carolina Casadio | SMILE: Search for Milli-LEnses |
| 11.40–12.00 | Jan Roeder | Comparison of Kerr and dilaton black hole shadows: Impact of non-thermal emission |
| 12.00–12.20 | Joana Kramer | Ray-Tracing in Relativistic Magnetohydrodynamic Jet Simulations: A Polarimetric Study |

VLBI Techniques & Arrays

Chair: Aletha de Witt, Kazi Rygl

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| 15.00–15.20 | Francisco Colomer | The Global VLBI Alliance |
| 15.20–15.40 | Maria Gomez | Towards the determination of geodetic positions for the EVN non-geodetic antennas |
| 15.40–16.00 | Roberto Ricci | VLBI experiments with the dissemination of a common clock via coherent optical fiber link |
| 16.10–16.30 | Richard Dodson | Foundations for ultra-precise VLBI astrometry in the SKA era |
| 16.30–16.50 | Zsolt Paragi | TeraHertz Exploration and Zooming-in for Astrophysics (THEZA) |
| 16.50–17.00 | | Poster talks – 3 X 2 min |
| 19.00–21.00 | | <i>Poster Reception in gather.town</i> |

Wednesday July 14 2021

Transients & GRBs

Chair: Jun Yang, Kazuhiro Hada

9.30–9.50	Stefano Giarratana	GRB 201015A: Characterization of a radio afterglow with EVN and e-MERLIN
9.50–10.10	Benito Marcote	PRECISE localizations of repeating Fast Radio Bursts
10.10–10.30	Prashanth Mohan	An EVN view of slow transients at high resolutions

AGN II

Chair: Silke Britzen, Anton Zensus

10.40–11.00	Violette Impellizzeri	The Structure and Kinematics of the Water Megamaser Disk of NGC1068
11.00–11.20	Dongjin Kim	The onset of jet-ISM interaction in the Seyfert galaxy NGC3079: VLBI study of OH absorption at sub-pc scale
11.20–11.40	Sravani Vaddi	High sensitivity EVN+Ar observations of nearby dual AGN
11.40–12.00	Venkatessh Ramakrishnan	Accretion and Jet flows in nearby AGNs

AGN III

Chair: Denise Gabuzda, Marcello Giroletti

14.30–14.50	Alexey Nikonov	Kelvin-Helmholtz plasma instability in the inner jet in M87
14.50–15.10	Felix Poetzel	The quasar 3C 345 with RadioAstron: Magnetic field and brightness temperature
15.10–15.30	Mikhail Lisakov	An Oversized Magnetic Sheath Wrapping around the Parsec-scale Jet in 3C 273
15.40–16.00	Giorgios Paraschos	Where is the black hole in 3C84 located?
16.00–16.20	Nikita Kosgorov	True face of the bizarre GPS quasar 0858-279
16.20–16.40	Luca Ricci	A high-resolution study of NGC 315
16.40–17.00	Tiziana Venturi	Summary and closing remarks