

The 8th European VLBI Network Symposium
on New Developments in VLBI Science and Technology
and EVN Users Meeting

Toruń, Poland

September 26-29, 2006

PROGRAMME

25 September (Monday)

16:00 1st bus from the airport arrives at the hotel.
Registration opens.
18:00 (onwards) welcome reception.
20:30 2nd bus from the airport arrives at the hotel.
22:00 3rd bus from the airport arrives at the hotel.
(All the above times are approximate.)

26 September (Tuesday)

8:00 Registration

8:30 Buses depart to Old Town for 8th EVN Symposium inauguration.

9:00 Opening of the Symposium
9:15 Introduction
Philip Diamond "Evolution and revolution: European radio astronomy in the new millennium"

9:45 Session 1 – chairperson: **Andrzej J. Kus**
9:45 **Sándor Frey** "VLBI surveys" (review)
10:10 **Thomas P. Krichbaum** "VLBI at the highest frequencies – AGN studied with micro-arcsecond resolution" (review)
10:35 **Andrei Lobanov** "Compact radio jets and nuclear regions in active galaxies" (review)

11:00 Buses depart to Hotel Filmar
11:15 Coffee break

11:45 Session 2– chairperson: (tba)
11:45 **Sang-Sung Lee** "A global 86 GHz VLBI survey of compact radio sources"
12:00 **Seungyoun Chi** "Deep, wide-field global VLBI observations of the HDF-N"
12:15 **Silke Britzen** "AGN jets and Binary Black Holes"
12:30 **Nadezhda Kudryavtseva** "The kinematics of 1803+784"
12:45 **Krisztina Gabanyi** "Effects of the turbulent ISM on radio observations of quasars"
13:00 **Giuseppe Cimó** "Intraday variability of AGNs in the southern hemisphere"
13:15 **Brian Moloney** "VLBA observations of Intraday Variable Sources"

13:30 Lunch

14:30 Session 3 – chairperson: **Thomas P. Krichbaum**
14:30 **Denise Gabuzda** "The compact polarised emission of AGN" (review)
15:00 **Mehreen Mahmud** "Searching for helical magnetic fields in BL Lac objects"
15:15 **Simone Bernhart** "Kinematic and polarimetric analysis of the quasar 0917+624"
15:30 **Shane O'Sullivan** "Using Faraday rotation sign reversals to study magnetic fields in AGN jets"
15:45 **Andrey Chuprikov** "Imaging of quasars and Active Galactic Nuclei. Fine-scale structure evolution"
16:00 **Zsolt Paragi** "Constraining IMBH black hole masses with VLBI"
16:15 **Valeriu Tudose** "e-VLBI observations of a microquasar in outburst"

16:30 Coffee break

17:00 Session 4 – chairperson: **Franco Mantovani**
17:00 **Carlo Stanghellini** “CSS and GPS radio sources” (review)
17:30 **Magdalena Kunert-Bajraszewska** “Multi-frequency radio observations of BAL quasar 1045+352”
17:45 **Marcin Gawroński** “Multi-frequency VSOP and VLBI observations of the quasar 3C309.1”
18:00 **Gabriele Giovannini** “Low-luminosity radio-loud AGNs” (review)
18:30 **Marcello Giroletti** “Low-power compact radio galaxies at high angular resolution”
18:45 **Hans-Rainer Klöckner** “The origin of weak radio emission in Type-2 radio-quiet quasars”
19:00 End of session 4

27 September (Wednesday)

9:00 Session 5 – chairperson: **Tom Muxlow**
9:00 **Andreas Brunthaler** “Towards a kinematic model of the Local Group” (review)
9:30 **Marco Bondi** “BL Lac objects” (review)
10:00 **Hayley Bignall** “EVN & MERLIN studies of a new sample of BL Lac objects”
10:15 **Vladislavs Bezrukovs** “Analysis of the multi-wavelength polarization VLBI observations of BL Lac objects”
10:30 **Lars Fuhrmann** “Rapid and correlated variability of blazar S5 0716+71 from radio- to sub-mm bands”

10:45 Coffee break

11:15 Session 6 – chairperson: **Hans Olofsson**
11:15 **Olaf Wucknitz** “Gravitational lensing” (review)
11:45 **Anupreeta More** “Multi-frequency VLBI observations of the gravitational lens B2016+112”
12:00 **Tom Muxlow** “Starburst galaxies” (review)
12:30 **Danielle Fenech** “Supernova remnants in the central starburst region of M82”
12:45 **Rodrigo Parra** “Multiwavelength radio observations of the compact starburst in Arp 220”

13:00 Lunch

14:00 Session 7 – chairperson: **Philip Diamond**
14:00 **Ylva Pihlström** “Megamasers” (review)
14:30 **Violette Impellizzeri** “Molecular tori in AGN: a search using excited states of OH”
14:45 **Riccardo Cesaroni** “High-mass star formation” (review)
15:15 **Lisa Harvey-Smith** “Polarization of 6.7-GHz methanol masers in W3(OH)”
15:30 **Alexey Alakoz** “Spectral and VLBI-structure monitoring of OH-maser flare in W75N: preliminary results”
15:45 **Anna Bartkiewicz** “EVN imaging of methanol masers towards massive protostars”
16:00 **Osamu Kameya** “Water masers in NGC7538 region”
16:15 **Mareki Honma** “Parallax measurements of H₂O maser sources beyond 5 kpc with VERA”

16:30 Coffee break

17:00 Session 8 – chairperson: **Willem Baan**
17:00 **Anita Richards** “Beaming in on some stimulating issues in stellar evolution” (review)
17:30 **Wouter Vlemmings** “The magnetically collimated jet of the evolved star W43A”
17:45 **Hiroshi Imai** “A molecular jet in the pre-planetary nebula IRAS 19134+2131”
18:00 **Jiyune Yi** “VLBI observations of two 43GHz masers toward R Cas”
18:15 **Sandra Etoke** “OH26.5+0.6: insight into the circumstellar structure of an extreme OH/IR star”
18:30 **Marian Szymczak** “EVN observations of OH maser burst in OH17.7-2.0”
18:45 **Rebeca Soria-Ruiz** “Circumstellar masers in long period variable stars”

19:00 End of session 8

19:15 Bus departs to the venue of the football match.

28 September (Thursday)

- 9:00 Session 9 – chairperson: **Anita Richards**
9:00 **Sean Dougherty** “Massive binary systems” (review)
9:30 **Tomoharu Kurayama** “Parallax measurements of the Mira-type star UX Cygni with phase-referencing VLBI”
9:45 **Robert Beswick** “Radio supernovae” (review)
10:15 **Tim O'Brien** “The 2006 explosion of the recurrent nova RS Ophiuchi”
10:30 Poster session and coffee
11:45 Session 10 – chairperson: **Michael Garrett**
11:45 **Arpad Szomoru** “Recent e-EVN developments” (review)
12:15 **Bob Campbell** “Developments at the EVN MkIV Correlator at JIVE”
12:30 **Huib Jan van Langevelde** “Data processing software for radio astronomy” (review)
13:00 **Anita Richards** “On-demand radio imaging and access to calibrated data for all astronomers”
13:15 Lunch
14:15 Session 11 – chairperson: **Huib van Langevelde**
14:15 **Adam Deller** “Distributed FX software correlation for eVLBI”
14:30 **Alan Roy** “Phase correction of VLBI with water vapour radiometry”
14:45 **Ian Avruch** “VLBI observations of spacecraft”
15:00 **Ylva Pihlström** “The Long Wavelength Array”
15:15 **Bong Won Sohn** “Recent progress in Korean VLBI Network (KVN) project”
15:30 Coffee break
16:00 Session 12 – chairperson: **Walter Alef**
16:00 **Hisashi Hirabayashi** “VSOP-2” mission (review)
16:30 Discussion on the recent developments and the future of the VLBI technology
18:00 End of session 12
20:00 Conference dinner

29 September (Friday)

- 9:00 Buses depart from the hotel to the Observatory
9:20 Arrival at the Observatory
9:30 EVN Users Meeting, session 1 – chairperson: **Patrick Charlot**
11:00 Coffee break
11:30 EVN Users Meeting, session 2 – chairperson: **Patrick Charlot**
12:30 Tour of the Observatory
13:15 Conference photo
13:30 Buses depart to “Rubbens” restaurant
13:40 Lunch
15:00 Buses depart to the hotel
15:10 Buses arrive at the hotel
15:30 Buses depart to the Old Town
15:35 Buses arrive at the Old Town, participants walk to the Old Town Hall
16:00 Closing ceremony at the Old Town Hall
17:00 Guided sightseeing of the historic part of Toruń

30 September (Saturday) and 1 October (Sunday)

Departure of the participants