PRELIMINARY PROGRAMME FOR THE 10th EVN SYMPOSIUM

Draft as of 7th September 2010

Monday 20th September

14:00 – 16:30 Registration
Held in the foyer of Manchester Conference centre

Tuesday 21st September

SESSION 0: WELCOME

08:50 – 09:00 Simon Garrington
Welcome and opening remarks

09:00 – 09:15 Tiziana Venturi
Overview of the EVN and its capabilities

SESSION 1: Stars young and old

Chair:

09:15 – 09:30 Huib van Langevelde
The magic of disc-worlds: non-rotating methanol masers

09:30 – 09:45 Anna Bartkiewicz
Studies of methanol maser rings

09:45 – 10:00 Jose-Maria Torrelles
A wide-angle outflow with the simultaneous presence of a high-velocity jet in the high-mass Cepheus A HW2 system

10:00 – 10:15 Anita Richards
Maser observations - from the kinematics to the physics of evolved star winds.

10:15 – 10:30 Sandra Etoka
OH eruptive event in Mira Ceti

10:30 – 11:00 MORNING COFFEE
The 10th European VLBI Network Symposium
VLBI and the new generation of radio arrays
Manchester, September 2010

Chair:

11:00 – 11:15  Stephen Bourke
VLBI observations of binary brown dwarf systems

11:15 – 11:30  Tim O’Brien
MERLIN radio imaging of the gamma-ray nova V407 Cyg

11:30 – 11:45  Jaime Pineda
Low mass star-formation and ALMA

11:45 – 12:00  Leonid Matveyenko
Early cycle of matter in active region of star formation, AGN objects

12:00 – 12:30  Richard Porcas
A history of the EVN

12:30 – 14:00  LUNCH

SESSION 2: Nearby galaxies and low luminosity AGN

Chair:

14:00 – 14:15  Ken Kellermann
The twin features in NGC 1275

14:15 – 14:30  Marco Bondi
EUVN observations of the binary black-hole candidate SDSS J1536+0441

14:30 – 14:45  Michael Garrett
Unravelling the nature of Hanny’s Voorwerp

14:45 – 15:00  Carole Mundell
Radio quiet AGN in the time domain - A new observational dimension

15:00 – 15:15  Antxon Alberdi
The sub-parsec structure of the nuclear region of the LIRG NGC 7469

15:15 – 15:30  Stefanie Mühle
How warm is the molecular gas in active environments?

15:30 – 16:00  AFTERNOON TEA

Chair:

16:00 – 16:15  John Morgan
Wide-field VLBI techniques: A Beginner’s Guide

16:15 – 16:30  Megan Argo
Wide-field imaging of M31 - first results
16:30 – 16:45  Anastasios Tzioumis
              VLBI progress down under - First VLBI with ASKAP and NZ
16:45 – 17:00  Simon Garrington
              e-MERLIN
17:00 – 17:15  Hans-Rainer Klöckner
              Goonhilly a new site for e-MERLIN
17:15 – 17:30  Pedro Augusto
              A VLBI antenna at the island of Madeira
17:30 – 17:45  Alexander Neidhardt
              Interacting with radio telescopes in real-time during VLBI sessions using e-control
17:45 – 18:00  Martin Ettl
              SysMon - a robust and flexible remote monitoring system for VLBI and more
Wednesday 22nd September

SESSION 3: Star-formation and Accretion at High redshift

Chair:

09:00 – 09:15  Enno Middelberg
Finding AGN with wide-field VLBI observations

09:15 – 09:30  Tom Muxlow
Future high resolution radio studies of GOODS-N: e-MERGE – an e-MERLIN Legacy project

09:30 – 09:45  Elisabetta Liuzzo
Parsec-scale properties of brightest cluster galaxies

09:45 – 10:00  Filomena Volino
High resolution strong gravitational lensing: MG J0414+0534

10:00 – 10:15  Roger Deane
High resolution observations of the gravitationally lensed, z=2.3 starburst/AGN galaxy IRAS F10214

10:15 – 10:30  Olga Zhelenkova
MERLIN and EVN observations of a z=4.515 radio galaxy, RC J0311+0507, and the problem of SMBHs in the early Universe

10:30 – 10:45  Sandor Frey
The most distant radio quasars at the highest resolution

10:45 – 11:00  John McKean
LOFAR: Early imaging results from commissioning

11:30  Coaches to JBO
AFTERNOON AT JBO, including EVN Users’ Meeting

13:00   LUNCH AT JBO

14:00– 14:15   Bob Campbell
               e-VLBI and Other Developments at the EVN MarkIV Data Processor at JIVE

14:15– 14:30   Arpad Szomoru
               NEXPReS

EVN users’ Meeting

14:30– 14:35   Tiziana Venturi
               Welcome

14:35– 15:00   News for the Users
               News from the TOG    M. Lindqvist, OSO
               Calibration/Pipeline issues  J. Yang, JIVE
               Use of NorthStar    B. Campbell, JIVE

15:00– 16:00   Feedback from the users and open discussion
               Final remarks    R. Porcas, MPIfR, Bonn

16:00 –  Drinks & Tours of Observatory

16:30   One coach to leave for football match
        Traditional EVN symposium football match
        Second coach direct to Swettenham Arms for conference dinner
Thursday 23rd September 2010

SESSION 4: Extreme Astrophysics

Chair:

09:00 – 09:15  Gabriele Bruni
Morphology and orientation of radio-loud Broad Absorption Line quasars

09:15 – 09:30  Marcin Gawronski
High resolution studies of Broad Absorption Lines radio-loud quasars

09:30 – 09:45  Rusen Lu
Multi-frequency VLBI studies of the optically violent variable quasar NRAO530

09:45 – 10:00  Chin-Shin Chang
The broadband emission properties of AGN jets

10:00 – 10:15  Monica Orienti
Steep spectrum sources and the duty cycle of the radio emission

10:15 – 10:30  Eoin Murphy
Gleaning secrets from the transverse profiles of AGN jets

10:30 – 10:40  Shahram Amiri
A low frequency feed for big reflector Antenna

10:40 – 11:00  MORNING COFFEE

Chair:

11:00 – 11:15  Marios Karouzos
Blazar kinematics reloaded: Jet ridge line properties and evolution in the CJF

11:15 – 11:30  Andrea Reichstein
Studying magnetic fields in several parsec-scale AGN jets using Faraday rotation

11:30 – 11:45  Nadia Kudryavtseva
Polarization structure and variability of the BL Lac object S4 0954+658

11:45 – 12:00  Colm Coughlan
First results from 18-22cm VLBA polarisation observations of the MOJAVE-I AGNs

12:00 – 12:15  Marcello Giroletti
e-EVN monitoring of M87

12:15 – 12:40  Martin Hardcastle
Jets & Radio Galaxies – e-MERLIN Legacy project (Title: TBC)

12:40 – 14:00  LUNCH
Chair:

14:00 – 14:15 Vladimir Kostenko  
The RadioAstron mission – Final prelaunch stage

14:15 – 14:30 Vincent Fish  
Observing event horizons with high-frequency VLBI

14:30 – 14:45 Shep Doeleman  
Building an event horizon telescope: (sub)mm VLBI in the ALMA era

14:45 – 15:10 Rob Fender  
LOFAR and LOFAR:UK

15:10 – 15:25 Olaf Wucknitz  
e-VLBI with LOFAR

15:25 – 16:00 AFTERNOON TEA

SESSION 5: Astrophysics of Transient Sources

Chair:

16:00 – 16:15 Rob Beswick  
An unusual new transient radio source in M82: new supernova, AGN or XRB?

16:30 – 16:45 Andreas Brunthaler  
The expansion of SN2008iz in M82

16:45 – 17:00 Danielle Fenech  
VLBI Monitoring of the most compact sources in M82

17:00 – 17:15 Michael Bietenholz  
Radio Imaging of SN1993J: The Story Continues

17:15 – 17:30 Miguel Perez-Torres  
Arp 299A: More than “just” a prolific supernova factory

17:30 – 17:45 Fabien Batejat  
Compact source resolution and rapid variability in Arp220
Friday 24th September 2010

SESSION 5: Astrophysics of Transient Sources (Cont)

Chair:

09:00 – 09:15  Valeriu Tudose  
An outburst of SS 433 observed on milliarcsecond scale

09:15 – 09:30  Anthony Rushton  
VLBI constraints on the "jet line" of Cygnus X-1

09:30 – 09:45  Javier Moldon  
VLBI morphological variability of LS 5039 and its birth place

SESSION 6: Astrometry, Geodesy and Planetary Science

Chair:

09:45 – 10:00  Hirota Tomoya  
Astrometry of H$_2$O maser sources in nearby star-forming regions with VERA

10:00 – 10:15  Yoshiharu Asaki  
Distance and proper motion measurement of the Red Supergiant, S Persei, with VLBI H$_2$O Maser astrometry

10:30 – 10:45  Patrick Charlot  
Towards an accurate alignment of the VLBI frame with the future Gaia optical frame

10:45 – 11:15  MORNING COFFEE

11:15 – 11:30  Ed Fomalont  
Spacecraft navigation using the VLBA

11:30 – 11:45  Guiseppe Cimo  
Planetary radio interferometry and doppler experiment with EVN radio telescopes

SESSION 7: The Future

Chair:

11:45 – 12:10  Robert Laing  
ALMA status and future prospects (Title : TBC)

12:10 – 12:25  Tony Foley  
A report on KAT-7 and MeerKAT status and plans

12:25 – 12:50  Richard Schilizzi  
SKA status and future prospects (Title : TBC)
12:50 – 13:15  **TBA**  
The Future of the EVN (Title : TBC)

13:15 – **Ralph Spencer**  
Conference Summary

LUNCH

— END OF CONFERENCE —