PRELIMINARY PROGRAMME FOR THE 10th EVN SYMPOSIUM

Draft as of 1st 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: TBD

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
Chair: TBD

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: TBD

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

14:15 – 14:30  **Marco Bondi**  
EVN 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: TBD

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

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  
  W. Alef, MPIfR, Bonn
  News from the TOG
  J. Yang, JIVE
  Calibration/Pipeline issues
  B. Campbell, JIVE
  Use of NorthStar

15:00–16:00  Feedback from the Users and Open Discussion  
  R. Porcas, MPIfR, Bonn
  Final remarks

Drinks & Tours of Observatory

Football

Coach 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  **Olaf Wucknitz**  
e-VLBI with LOFAR
14:15 – 14:30  **Vladimir Kostenko**  
The RadioAstron mission – Final prelaunch stage
14:30 – 14:45  **Vincent Fish**  
Observing event horizons with high-frequency VLBI
14:45 – 15:00  **Shep Doeleman**  
Building an event horizon telescope: (sub)mm VLBI in the ALMA era

SESSION 5: Astrophysics of Transient Sources

Chair:

15:00 – 15:15  **Valeriu Tudose**  
An outburst of SS 433 observed on milliarcsecond scale
15:15 – 15:30  **Anthony Rushton**  
VLBI constraints on the ”jet line” of Cygnus X-1
15:30 – 15:45  **Javier Moldon**  
VLBI morphological variability of LS 5039 and its birth place
15:45 – 16:15  **AFTERNOON TEA**

Chair:

16:15 – 16:30  **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 that ”just” a prolific supernova factory
17:30 – 17:45  **Fabien Batejat**  
Compact source resolution and rapid variability in Arp220
Friday 24th September 2010

SESSION 6: Astrometry, Geodesy and Planetary Science

Chair:

09:00 – 09:15  Hirota Tomoya
Astrometry of H$_2$O maser sources in nearby star-forming regions with VERA

09:15 – 09:30  Yoshiharu Asaki
Distance and proper motion measurement of the Red Supergiant, S Persei, with VLBI H$_2$O Maser astrometry

09:30 – 09:45  Patrick Charlot
Towards an accurate alignment of the VLBI frame with the future Gaia optical frame

09:45 – 10:00  Ed Fomalont
Spacecraft navigation using the VLBA

10:00 – 10:15  Guiseppe Cimo
Planetary radio interferometry and doppler experiment with EVN radio telescopes

10:15 – 10:45  MORNING COFFEE

SESSION 7: The Future

Chair:

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

11:10 – 11:35  Rob Fender
LOFAR and LOFAR:UK

11:35 – 11:50  Tony Foley
A report on KAT-7 and MeerKAT status and plans

11:50 – 12:15  Richard Schilizzi
SKA status and future prospects (Title : TBC)

12:15 – 12:40  TBA
The Future of the EVN (Title : TBC)

12:40 – 13:00  Ralph Spencer
Conference Summary

13:00–         LUNCH

— END OF CONFERENCE —