

GLOW LOFAR PROPOSAL COVERSHEET

rcvd:

DEADLINES: When we get around to it

- (1) Date Prepared:
 (2) Title of Proposal:

(3) AUTHORS (Add * for new location)	INSTITUTION	E-mail	Students Only		
			G/U	For Thesis?	Ph.D. Year

- (4) Related previous or current GLOW proposal(s): _____ Resubmission
- (5) Contact author for scheduling: _____ (6) Telephone: _____
 Address: _____ Fax: _____
- (7) Scientific Category: astrometry cosmic rays cosmology extragalactic Galactic ionosphere
 pulsars Solar system test: other:
 Rapid Response Science: Known Transient Exploratory Target of Opportunity
- (8) Frequency RCUMODE(s): band(s) requested: 3: 10–80 MHz 4: 30–80 MHz 5: 110–190 MHz
 6: 170–230 MHz 7: 210–260 MHz Special frequency setup: _____
- (9) Observing mode: Intra-station Interferometry Inter-station Interferometry Transient Buffer Boards
 Time-integrated Beamforming Beamforming for Pulsars Piggybacking without Control
 Piggybacking with Station Control Data Processing (No Use of Station)
 Other: _____
- (10) Multi-epoch observation: _____ epochs of _____ hours each, separated by _____
 Multi-epoch post-processing: _____ epochs of _____ hours each, separated by _____
 Multi-epoch data copying: _____ epochs of _____ hours each, separated by _____

(11) Experiment mode	Requested stations	Number at once	Observing time requested [hr]	Processing time requested [hr]	Data-copying time requested [hr]
Individual station					
Multiple independent stations					
GLOW Interferometry					
Non-GLOW Instruments					
ILT Observations					

(12) ABSTRACT (Do not write outside this space. Please type)

- (13) Observation type: Interferometry Spectroscopy Pulsar Polarization
- (14) Polarization: Total power only Full linear polarization
- (15) Proposal should be Dynamically scheduled
 Scheduled by the observatory
 Scheduled according to the exact dates below for fixed scheduling.
- (16) Simultaneous piggybacking observations: taking control MAY be performed
 without control MAY be performed may NOT be performed this is a piggybacking proposal
- (17) Processing location(s): Bn Ef Ju Po Tb Other:
- (18) Disk usage [TB]: Raw station data: _____ Processed data: _____ Archived data: _____
- (19) Number of computers requested for: Recording: _____ Processing: _____ Archiving: _____
- (20) Recording/Processing Computers: Comments: _____
lofarAN: All Any lofarA1 lofarA2 lofarA3 lofarA4
lofarBN: All Any lofarB1 lofarB2 lofarB3 lofarB4
storage: All Any lofarsrv
- (21) Raw averaging time [s]: _____ Raw spectral resolution [kHz]: _____
- (22) Recording software required: _____
- (23) Postprocessing software required: _____
- (24) Assistance required:
Observation Setup: Consultation Extensive help Observe file preparation
Postprocessing: Consultation Extensive help Calibration service
- (25) Source list: If more than 4 sources, please attach list. If more than 30, give only selection criteria and LST range(s)

	Source 1	Source 2	Source 3	Source 4
Name(s)				
RA J2000 (hh mm)				
Dec J2000 (dd.d)				
Effelsberg LST range (GLOW)				
Effelsberg LST range (Other)				
RCUMODE(s)				
Flux density (Total, Jy)				
Flux density (correlated, mJy)				
RMS needed (mJy/beam)				
Peak/RMS needed				

- (26) Preferred GLOW session or range of dates for scheduling, and why:
- (27) Dates which are NOT acceptable, and why:
- (28) Attach a self-contained scientific justification, not in excess of 1000 words.
Preprints or reprints will not be forwarded to the referees.

Information about the capabilities of GLOW LOFAR stations may be found on the World Wide Web by starting at ???

Please include the full postal addresses for first-time users or for those that have moved (if not contact author).

Please submit a hardcopy form of your proposal to the people behind lofar-obs@mpifr-bonn.mpg.de.