

Cycle 25 approved proposals

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
25_001	Low-frequency high-dynamical range radio observations of a new double-double radio galaxy candidate	Paulina Anna Sowicka Marek Jamroz Sandeep K. Sirothia	Jagiellonian Jagiellonian NCRA	F	18	Sandeep K. Sirothia	consultation	Correlator - 2 Sideband, Short spacing critical
25_003	GMRT distant radio halo and relic survey	Reinout Johannes vanWeeren Dharam Vir Lal Huub Rottgering Huib Intema Annalisa Bonafede Marcus Bruggen Matthias Hoeft Andra Stroe william richard forman Christine Jones Sebastian Ernesto Nuza Francesco deGasperin	CFA NCRA Leiden NRAO Hamburg Hamburg TLS Leiden CFA CFA AIP Hamburg	F	60	Reinout Johannes vanWeeren Dharam Vir Lal Annalisa Bonafede	none	Correlator - 2 Sideband, 250.0GB Disk space required
25_004	CLoGS: The Complete Local-volume Groups Sample - part 5	Ewan O'Sullivan Giacintucci Simona Somak Raychaudhury Nimisha Kantharia Jan M. Vrtilek Laurence Paul David Konstantinos Kolokythas	CFA Maryland PRESIDENCY NCRA CFA CFA Birmingham	F	16	Ewan O'Sullivan Nimisha Kantharia Konstantinos Kolokythas	consultation	Correlator - 2 Sideband
25_005	A determination of water abundance in Saturn's deep atmosphere	Régis Courtin Mamta Pandey-Pommier Philippe M. Zarka Cyril Tasse	OP CRAL OP OP	F	10	Mamta Pandey-Pommier Philippe M. Zarka	none	
25_006	The origin of the HI trail and ultra-steep radio structure in the NGC 5903/NGC 5898 group	Ewan O'Sullivan Nimisha Kantharia Konstantinos Kolokythas Somak Raychaudhury Sandeep K. Sirothia C.H. IshwaraChandra Gopal krishna	CFA NCRA Birmingham PRESIDENCY NCRA NCRA NCRA	F	24	Ewan O'Sullivan Nimisha Kantharia	none	Correlator - 2 Sideband
25_008	Imaging radio recombination line emission from Galactic PDR/Partially ionized region/H _{II} regions	Abhishek Johri Nimisha Kantharia Anish Roshi	NCRA NCRA NRAO	F	24	Abhishek Johri Nimisha Kantharia	none	Correlator - 2 Sideband, Short spacing critical

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25_010	Detailed internal kinematics of Tully-Fisher calibrator galaxies with Cepheid and TRGB distances	Anastasia Alexandrovna Ponomareva Marc Verheijen Albert Bosma	Kapteyn Kapteyn Laboratoire	F	36	Anastasia Alexandrovna Ponomareva Marc Verheijen	consultation	Correlator - 2 Sideband, Short spacing critical
25_011	Detection and characterisation of the most overdense protoclusters: progenitors of the most massive clusters of galaxies	Emma Elizabeth Rigby Huub Rottgering Sean McGee Nina Hatch George Miley Jaron Kurk laura pentericci Helmut Dannerbauer Leah Kathleen Morabito Oscar Nicolas Gomez-Giraldo Rob Ivison Steve Eales	Sterrewacht Leiden Leiden Leiden Nottingham Sterrewacht Leiden MPE IISc UniWien Sterrewacht Leiden Sterrewacht Leiden ATC, Edinburgh Cardiff	F	24	Emma Elizabeth Rigby Huub Rottgering Nina Hatch Leah Kathleen Morabito	consultation	
25_012	A test of an interpretation of apparent extreme asymmetry of outer radio lobes in a potentially double-double source	Marek Jamrozy Andrzej Marecki	Jagiellonian TCfA	F	18	Marek Jamrozy	consultation	Correlator - 2 Sideband, Short spacing critical
25_013	Low frequency study of Massive X-ray luminous cluster sample ($0.3 < z < 0.6$)	Mamta Pandey-Pommier Francoise Combes Johan Richard Harald Ebeling Alastair Edge Melanie Johnston-Hollitt Dwarakanath K.S. Bruno Guiderdoni D NARASIMHA	CRAL OP CRAL Hawaii Durham VUW RRI CRAL TIFR	F	36		none	Short spacing critical

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25_018	Statistics of radio halos in a complete Sunyaev-Zel'dovich sample of galaxy clusters	Annalisa Bonafede Marcus Bruggen Reinout Johannes vanWeeren Kaustuv Moni Basu Francesco deGasperi Huub Rottgering Nabila Aghanim Martin W. Sommer	Hamburg Hamburg CFA Alfa Hamburg Leiden IAS-Orsay Alfa	F	48	Annalisa Bonafede	consultation	Short spacing critical
25_020	A Cosmic Census of the Star Forming Reservoir in Active Galaxies I: The High Redshifts	Stephen John Curran Matthew Whiting Dick Hunstead Elaine Sadler James Richard Allison Ramana Athreya Helen Johnston	Sydney ATNF Sydney Sydney Sydney IISER Pune Sydney	F	24	Stephen John Curran James Richard Allison Ramana Athreya	none	Correlator - 2 Sideband
25_021	Low-frequency radio observations of two extended new giant radio galaxies	Marek Jamrozy Justyna Put Dorota Koziel-Wierzbowska	Jagiellonian Jagiellonian Jagiellonian	F	32	Marek Jamrozy	consultation	Correlator - 2 Sideband, Short spacing critical
25_022	HI observations of extremely gas rich void galaxies	Jayaram Narayanan Chengalur Simon Pustilnik Jean-Michel Martin	NCRA SAO OP	F	16		none	Correlator - 2 Sideband, Short spacing critical
25_023	Constraining physics of particle acceleration in merging galaxy clusters: the textbook case of 'El Gordo'	Ruta Kale Julius MaxFerdinand Donnert Tiziana Venturi Daniele Dallacasa Rossella Cassano Gianfranco Brunetti	IRA-INAF IRA-INAF INAF-IRA Bologna INAF-IRA INAF-IRA	F	10	Ruta Kale	consultation	Correlator - 2 Sideband, Short spacing critical
25_026	Investigating O-type particle-accelerating colliding-wind binaries in the Cygnus region	Paula Benaglia Michael de Becker C.H. IshwaraChandra	IAR ULG NCRA	F	24	Paula Benaglia C.H. IshwaraChandra	none	Correlator - 2 Sideband
25_027	Unveiling invisible galaxies: Confirming a fourth DLA-strength HI 21-cm intervening absorber along a single sightline	Anant Tanna Stephen John Curran Matthew Whiting James Richard Allison	UNSW Sydney ATNF Sydney	F	1.3		none	Correlator - 2 Sideband, Phased array required

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25_028	Investigation of the short term variations in Jovian synchrotron radiation based on radio/infrared/ultraviolet observation	Hajime Kita Hiroaki Misawa Anil Bhardwaj Fuminori Tsuchiya Tetsuro Kondo SEKIDO MAMORU Akira Morioka	Tohoku Tohoku SPL-VSSC Tohoku NICT NICT Tohoku	F	20	Hajime Kita Hiroaki Misawa	consultation	Short spacing critical
25_031	Interferometric imaging methods for pulsars with gigahertz-peaked spectra and their environments - continuation	Wojciech Lewandowski Rahul Basu Piotr Szulc Jaroslaw Kijak Marta Dembska	KIAUZ NCRA KIAUZ IAUZ KIAUZ	F	24	Wojciech Lewandowski Rahul Basu	none	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods.
25_032	Tidal dwarf galaxy candidates in Arp 305	Chandreyee Sengupta Dwarakanath K.S. D.J. Saikia Tom Scott	KASI RRI NCRA Hertfordshire	F	10	Chandreyee Sengupta	none	Correlator - 2 Sideband, Short spacing critical
25_033	Probing the Baryon Content of Galaxy Groups Using Bent Double Radio Sources	Eric Wilcots Danielle M. Nielsen	Wisconsin Wisconsin	F	36	Eric Wilcots Danielle M. Nielsen	none	Correlator - 2 Sideband
25_034	Environmental Processes in an Infalling Group of Galaxies to the Virgo Cluster	Hyein Yoon Aeree Chung Chandreyee Sengupta O.Ivy Wong Martin Bureau Soo-Chang Rey	Yonsei Yonsei KASI ATNF Oxford CNU	F	20	Hyein Yoon Aeree Chung Chandreyee Sengupta	friend	Correlator - 2 Sideband, Short spacing critical
25_036	Dissecting the Extended Radio Emission in the Strong Lensing Cluster PLCK G004.5-19.5 at $z=0.52$	Cristobal Sifon Andra Stroe Huub Rottgering Hoekstra H. John P. Hughes Felipe Menanteau	Sterrewacht Leiden Sterrewacht Leiden Leiden Sterrewacht Leiden Rutgers Rutgers	F	10	Cristobal Sifon Andra Stroe	none	Short spacing critical
25_037	Deep imaging of legacy fields at 325 MHz: Search for High-redshift radio galaxies	C.H. IshwaraChandra Sandeep K. Sirothia	NCRA NCRA	F	44	C.H. IshwaraChandra Sandeep K. Sirothia	none	Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods.

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25_038	A Metrewavelength Survey of Pulsar Emission: (-50 $^{\circ}$ Dec $^{\circ}$ 25)	Dipanjan Mitra Krzysztof Maciesiak Rahul Basu Anna Maria Skrzypczak Janusz Gil	NCRA Zielona NCRA KIAUZ Zielona	F	130	Dipanjan Mitra Krzysztof Maciesiak Rahul Basu Anna Maria Skrzypczak Janusz Gil	none	Correlator - 2 Sideband, Phased array required, Short spacing critical, 2000.0GB Disk space required
25_039	Beta Gem b: An alternative candidate in the search for extrasolar planetary radio emission (II)	Eamon Gerard O'Gorman Sandeep K. Sirothia Graham M. Harper Neal ÓRiain R A Osten	TCD NCRA TCD TCD STScI	F	11	Sandeep K. Sirothia	none	Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
25_041	Search for radio emission at frequencies less than 1 GHz from Galactic Novae with GMRT - GNovaG	Nimisha Kantharia Nirupam Roy G.C. Anupama Prasun Dutta Ashok Madhav Nagarhalli Dipankar Banerjee	NCRA MPIfR IIA IIT, Kharagpur PRL PRL	F	24	Nimisha Kantharia Prasun Dutta	none	
25_042	Radio emission from protoplanetary disks	Uma Gorti Nimisha Kantharia Ilaria Pascucci	NASA NCRA Arizona	F	16	Nimisha Kantharia	friend	Correlator - 2 Sideband
25_043	Regular Follow-up of some pulsars discovered with GMRT	Mayuresh Surnis BHAL CHANDRA JOSHI Maura Ann McLaughlin	NCRA NCRA West Virginia	F	5	Mayuresh Surnis	none	Correlator - 2 Sideband, Phased array required, Integration time less than 8 seconds required for extended periods.
25_044	The Galactic Mid-latitude Imaging and Pulsar Survey with GMRT	Mayuresh Surnis BHAL CHANDRA JOSHI Manjari Bagchi Naseer Iqbal Anuradha Gupta ARUN KUMAR NAIDU Gopakumar Achamveedu	NCRA NCRA ICTS UOK TIFR NCRA TIFR	F	60	Mayuresh Surnis BHAL CHANDRA JOSHI Manjari Bagchi Naseer Iqbal Anuradha Gupta ARUN KUMAR NAIDU Gopakumar Achamveedu	none	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods.
25_045	Search for millisecond radio pulsations within the error boxes of Fermi LAT unassociated sources	Bhaswati Bhattacharya Jayanta Roy Yashwant Gupta Dipankar Bhattacharya Elizabeth Ferrara	NCRA NCRA NCRA IUCAA Maryland	F	55	Bhaswati Bhattacharya Jayanta Roy	none	Correlator - 2 Sideband, Phased array required

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25_046	Long-term timing program for millisecond pulsars discovered by the GMRT at the position of Fermi LAT sources	Jayanta Roy Bhaswati Bhattacharya Yashwant Gupta Dipankar Bhattacharya	NCRA NCRA NCRA IUCAA	F	56	Jayanta Roy Bhaswati Bhattacharya	none	Correlator - 2 Sideband, Phased array required
25_047	Multi-pixel coherently dedispersed search for MSPs in globular clusters	Jayanta Roy Scott M. Ransom Bhaswati Bhattacharya	NCRA NRAO NCRA	F	20	Jayanta Roy Bhaswati Bhattacharya	none	Correlator - 2 Sideband, Phased array required
25_048	GMRT High Resolution Southern Sky (GHRSS) survey for millisecond pulsations	Bhaswati Bhattacharya Jayanta Roy Ben Stappers Maura Ann McLaughlin Duncan Ross Lorimer Paul Ray Scott M. Ransom Jayaram Narayanan Chengalur	NCRA NCRA Manchester West Virginia West Virginia NRL NRAO NCRA	F	40	Bhaswati Bhattacharya Jayanta Roy	none	Correlator - 2 Sideband, Phased array required
25_049	Coherently dedispersed timing studies at the GMRT for NANOGrav MSPs	Jayanta Roy Maura Ann McLaughlin Bhaswati Bhattacharya Duncan Ross Lorimer Lina Levin	NCRA West Virginia NCRA West Virginia West Virginia	F	27	Jayanta Roy Bhaswati Bhattacharya	none	Correlator - 2 Sideband, Phased array required
25_051	Diffuse Radio Emission from Low Surface Brightness Galaxy Clusters	Anna Scaife Christopher John Riseley Alex Clarke Therese Mairead Cantwell Naomi Ota	Southampton Southampton Southampton Southampton MPE	F	24	Anna Scaife Christopher John Riseley Alex Clarke Therese Mairead Cantwell	consultation	Correlator - 2 Sideband, Short spacing critical
25_052	A spectral study of the Super-CLASS super-cluster source population	Anna Scaife Christopher John Riseley Chris Hales	Southampton Southampton NRAO	F	38.2	Anna Scaife Christopher John Riseley	consultation	Correlator - 2 Sideband, Short spacing critical
25_054	150 and 327 MHz pulsar VLBI for precision pulsar scintillation astrometry	Ue Li Pen Marten H vanKerkwijk Jayanta Roy Yashwant Gupta Keith Vanderlinde Richard Shaw P Freire Jason WilliamThomas Hessels	CITA Toronto NCRA NCRA Toronto CITA MPIfR Astron	F	15		friend	Correlator - 2 Sideband, Phased array required, 64000.0GB Disk space required

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25_058	HI 21-cm absorption follow-up of DLAs from SDSS BOSS	Pasquier Noterdaeme Neeraj Gupta Rajeshwari Dutta Raghunathan Srianand Patrick Petitjean hadi Rahmani	IAP Astron IUCAA IUCAA IAP IUCAA	F	40	Pasquier Noterdaeme Neeraj Gupta Rajeshwari Dutta hadi Rahmani	none	Correlator - High Res, Non standard frequency required
25_059	Exploring Radio Emission from Merging Groups of Galaxies at Filament Junctions	Ikuyuki Mitsuishi Shin Sasaki Anna Scaife Hajime Kawahara Akihiro Doi Noriko Iijima	TMU TMU Southampton Tokyo ISAS, JAXA TMU	F	18	Ikuyuki Mitsuishi	none	Short spacing critical
25_061	What is the dark companion to NGC 4274?	George Heald Peter Kamphuis Gyula I.G. Jozsa Paolo Serra p a Duc Gianfranco Gentile Tom Oosterloo Eva Juette Maria Patterson David A Thilker Erwin deBlok	Astron ATNF Astron Astron CEA UGent Astron AIRUB NMSU JHU ASTRON	F	45	George Heald Peter Kamphuis Gyula I.G. Jozsa Paolo Serra Eva Juette Maria Patterson	friend	Correlator - 2 Sideband
25_062	Mapping the evolution of the Giant Radio Galaxy J145049+100649	George Heald Marek Jamrozy Uli Klein Raffaella Morganti emanuela orru	Astron Jagiellonian Alfa Astron RU Nijmegen	F	11	George Heald Marek Jamrozy	consultation	Correlator - 2 Sideband, Short spacing critical
25_063	Simultaneous observations of two interesting pulsars with ORT and GMRT for single pulse studies	ARUN KUMAR NAIDU BHAL CHANDRA JOSHI Periasamy K. Manoharan	NCRA NCRA NCRA		9	ARUN KUMAR NAIDU	none	Correlator - 2 Sideband, Phased array required, Short spacing critical, 1000.0GB Disk space required
25_064	AGN Feedback and Heating in Fossil Galaxy Groups	Eric Wilcots Elena D'Onghia Alisha Rose Kundert	Wisconsin Wisconsin Wisconsin	F	84	Eric Wilcots Alisha Rose Kundert	none	Correlator - 2 Sideband
25_065	GMRT mapping of two new gaint radio galaxies of 2 Mpc scale jets.	BIJU.K.G Joe Jacob C.H. IshwaraChandra Joydeep Bagchi	WMOC Newman College NCRA IUCAA	F	24	BIJU.K.G Joe Jacob	none	Correlator - 2 Sideband, Short spacing critical

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25_066	Blind Survey of the NGC 1333 Star Forming Region at Low Frequencies	Rachael Ainsworth Anna Scaife Tom Ray David Alan Green Jane V Buckle	DIAS Southampton DIAS Cavendish Cambridge	F	57.6	Rachael Ainsworth	none	
25_068	The GMRT-EoR Project: Reinforcing the Ring	Richard Shaw Ue Li Pen Liam Connor Gregory Paciga Hans Nguyen Jayanta Roy Yashwant Gupta TirthankarRoy Choudhury Jeff Peterson Tabitha Christine Voytek Tzu-Ching Chang Yu-Wei Liao Jon Sievers María Montero-Castaño Adrian Chi-Yan Liu Steve Myers	CITA CITA Toronto CITA Toronto NCRA NCRA HRI CMU, USA CMU, USA ASIAA ASIAA CITA Columbia UCB NRAO	F	52	Richard Shaw	none	Short spacing critical
25_069	A Small Survey for Fast Radio Bursts with the GMRT	Ramesh Bhat Jayaram Narayanan Chengalur Peter Cox Yashwant Gupta	Curtin NCRA Swinburne NCRA	F	28	Ramesh Bhat Jayaram Narayanan Chengalur Yashwant Gupta	consultation	Phased array required
25_071	Radio Polarimetry of the UDS deep field at 610 MHz	Preshanth Jagannathan Russ Taylor Sanjay Bhatnagar Rob Ivison Jeroen Maarten Stil David Alan Green Wiphu Rujopakarn	Calgary Calgary NRAO ATC, Edinburgh Calgary Cavendish Arizona	F	50	Preshanth Jagannathan Russ Taylor Wiphu Rujopakarn	consultation	Correlator - 2 Sideband, 250.0GB Disk space required
25_072	Low Frequency Radio Emission from the Youngest Low-Mass Protostars	Rachael Ainsworth Anna Scaife Tom Ray David Alan Green Jane V Buckle	DIAS Southampton DIAS Cavendish Cambridge	F	22	Rachael Ainsworth	none	Correlator - 2 Sideband

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25_074	Radio follow up observations of Fermi burst GRB 130702A	Poonam Chandra Stephen Bradley Cenko Alessandra Corsi Dale A Frail	NCRA GSFC GWU NRAO	F	30	Poonam Chandra	none	Correlator - 2 Sideband
25_075	DECIPHERING THE IONIZED GAS CONTENT OF THE EXTERNALLY INFLUENCED STAR FORMING REGION ?AFGL 333?.	Jessy Jose Manash Ranjan Samal Jinyoung Serena Kim Arti Goyal	IIA Laboratoire Arizona Jagiellonian	F	10.5	Jessy Jose	none	Correlator - 2 Sideband
25_076	GMRT OBSERVATIONS OF CLOSEBY VERY BRIGHT GRB 130427A	Poonam Chandra Sayan Chakraborti Alicia Margarita Soderberg Alak Ray Edo Berger Naveen Yadav	NCRA CFA CFA TIFR CFA TIFR	F	18	Poonam Chandra Alak Ray Naveen Yadav	none	Correlator - 2 Sideband
25_077	The Search for Diffuse Radio Emission from MACS J0025.4-1222	Christopher John Riseley Anna Scaife Alex Clarke	Southampton Southampton Southampton	F	18.8	Christopher John Riseley Anna Scaife	consultation	Short spacing critical
25_078	Multiple dwarfs with a sign of interaction	Dmitry Makarov Jayaram Narayanan Chengalur Roman Uklein Sambit Roychowdhury	SAO NCRA SAO NCRA	F	24	Jayaram Narayanan Chengalur Sambit Roychowdhury	none	Short spacing critical, 40.0GB Disk space required
25_079	GMRT observations of SNR G353.6-0.7 aka HESS J1731-347	Poonam Chandra Marianne Lemoine-Goumard Alak Ray Fabio Acero Alexandre Marcowith Subhashis Roy Matthieu Renaud Sanjay Bhatnagar Sayan Chakraborti Naveen Yadav Vincent Tatischeff	NCRA CENBG TIFR CEA-Saclay LUPM NCRA LUPM NRAO CFA TIFR CENBG	F	24	Subhashis Roy	none	Correlator - 2 Sideband, Short spacing critical
25_080	Hyperstrong scattering screen near the Galactic centre: confirmation of background sources	Subhashis Roy	NCRA	F	14	Subhashis Roy	none	Correlator - 2 Sideband, Frequency Switching required
25_082	Low-frequency observations of a gas cloud meeting the Galactic Centre black hole	Nirupam Roy Nissim Kanekar	MPfR-Bonn NCRA	F	35	Nissim Kanekar	none	Correlator - 2 Sideband, Short spacing critical

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25_083	Low-frequency emission characteristics of the radio magnetospheres of OB stars	Poonam Chandra Wade Stanley Peter Owocki Jason H Grunhut Mary Oksala Veronique Petit Sundqvist ud-Doula	NCRA RMC UD ESO Ondrejov UD UD PSU	F	38.4	Poonam Chandra	none	Correlator - 2 Sideband
25_084	Is the young SNR G354.4+0.0 located within an HII region ?	Subhashis Roy	NCRA	F	8	Subhashis Roy	none	Correlator - 2 Sideband, Short spacing critical
Total time allotted					1767.8			