

| <b>Proposal No.</b> | <b>Title of Proposal</b>  | <b>First Author</b>   | <b>Affiliation</b>   | <b>Time approved by GTAC (Sessions)</b> |
|---------------------|---|---|--|---|
| 07ABa01             | A study of nearby faint dwarf Irregular galaxies  | Ayesha Begum<br>J. N. Chengalur<br>I. D. Karachentsev<br>M. E. Sharina      | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>SAO RAS, Russia<br>SAO RAS, Russia   | 10                                      |
| 07ALa01             | Probing the nature of the radio emission coincident with protostellar objects molecular outflows in the Galaxy: A pilot project | Alain Lecavelier<br><br>Jean-Marc Delouis<br>Gopal krishna<br>Dhurde S.     | Institut Astrophysique Paris<br><br>Institut Astrophysique Paris<br>NCRA-TIFR, Pune<br>NCRA-TIFR, Pune               | 3                                       |
| 07ASa01             | The connection between Galaxy Kinematics and HI Line Widths as applied to the Distance Scale                                    | Alok Singal<br><br>Richard Fisher<br>Edward Murphy<br>Karen O'Neil          | University of Virginia<br><br>NRAO<br>University of Virginia<br>NRAO   | 4                                       |
| 07BBa01             | Detailed study of the emission properties of PSR B0826-34   | Bhaswati Bhattacharya<br><br>Yashwant Gupta<br>Janusz Gil<br>Dipanjan Mitra | NCRA-TIFR, Pune<br><br>NCRA-TIFR, Pune<br>Univ. of Zielona Gora<br>NCRA-TIFR, Pune                                   | 3                                       |
| 07BBa02             | A single pulse study of Wide Profile Pulsars  | Bhaswati Bhattacharya<br><br>Janusz Gil<br>Yashwant Gupta                   | NCRA-TIFR, Pune<br><br>Univ. of Zielona Gora<br>NCRA-TIFR, Pune  | 1                                       |
| 07BCJ01             | Multi-frequency monitoring of double pulsars PSR J0737-3039A and B with GMRT  | Bhal Chandra Joshi  | NCRA-TIFR, Pune  | 6                                       |
| 07BCJ02             | Simultaneous Radio/X-ray study of Giant Pulses in millisecond pulsars   | Bhal Chandra Joshi<br><br>B. Paul<br>M. Kramer                              | NCRA-TIFR, Pune<br><br>TIFR, Mumbai<br>Jodrell Bank Observatory, UK  | 2.5                                     |
| 07CKa01             | Relic lobes in giant radio sources  | Chiranjib Konar<br>D. J. Saikia<br>Paul J. Wiita<br>Paramita Barai          | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>Georgia State University, Atlanta, US<br>Georgia State University, Atlanta, US | 5                                       |
| 07CMa01             | HI structures in cD galaxy of clusters  | Cheng-Jiun Ma<br><br>Jeremy Lim   | IfA<br><br>ASIAA   | 2                                       |
| 07CRa01             | Catching the bulk of radio halos in galaxy clusters with GMRT   | Cassano R.<br><br>Giacintucci S., Bardelli S.<br>Venturi T., Brunetti G.    | Bologna Univ, Italy<br><br>INAF-Bo, Italy<br>IRA-bo, CNR, Italy  | 3                                       |

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|---------|---|---|--|-----|
|         |   | Dallacasa D., Setti G.  | Bologna Univ, Italy  |     |
| 07CSG01 | Investigating H removal processes in galaxies in groups   | Chandreyee Sengupta<br>Ramesh Balasubramanyam   | Raman Research Institute<br>Raman Research Institute   | 4   |
| 07CTC01 | GMRT observations of M81* during a multi-wavelength campaign  | C.C. Teddy Cheung<br>Poonam Chandra<br>Alak Ray<br>Mario Jimenez-Garate<br>S. Markoff, C. Canizares<br>G. Bower       | MIT & NRAO<br>TIFR<br>TIFR<br>MIT<br>MIT<br>UC Berkeley  | 5   |
| 07DBa01 | Radio Monitoring of GRB030329 Afterglow   | D. Bhattacharya<br>A. Pramesh Rao<br>C. H. Ishwar Chandra<br>L. Resmi   | RRI, Bangalore<br>NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>RRI, Bangalore   | 6   |
| 07DFa01 | Detection of OH megamaser emission at $z > 6$   | David Field<br>Henrik Nissen<br>Roy Booth   | University of Aarhus<br>University of Aarhus<br>Onsala Space Observatory   | 4   |
| 07DJS01 | Ram pressure stripping in NGC 2805  | D. J. Saikia<br>Anand Hota  | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune   | 1.5 |
| 07DWa01 | Search for radio emissions from extrasolar planets  | D. Winterhalter<br>Ishwara Chandra C.H.<br>T. Kuiper<br>W. Majid<br>C. Naudet<br>G. Bryden<br>W. Gonzalez<br>P. Zarka | JPL/Caltech, USA<br>NCRA-TIFR, Pune<br>JPL/Caltech, USA<br>JPL/Caltech, USA<br>JPL/Caltech, USA<br>JPL/Caltech, USA<br>INPE, Brazil<br>Observatoire de Paris, Meudon, France | 4   |
| 07EFa01 | The HI content of HCG 79  | Emily Freeland<br>Kyle Westfall<br>Elizabeth Wehner<br>Eric Wilcots   | Univ. of Wisconsin<br>Univ. of Wisconsin<br>Univ. of Wisconsin<br>Univ. of Wisconsin   | 3   |
| 07Eka01 | An HI imaging study of extremely metal poor galaxies  | Ekta<br>Jayaram N. Chengalur<br>Simon A. Pustilnik<br>Jean-Michel Martin  | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>SAO<br>Obs.de Paris-Meudon   | 6   |
| 07FMa01 | The connection between radio galaxies and cluster formation : Deep radio observations of the highest redshift galaxy clusters | Francesco Miniati<br>Melanie Johnston-Hollitt<br>Piero Rosati<br>Andrew W. Zirm<br>George Miley                       | ETH, Institute of Astronomy, Zurich<br>University of Tasmania<br>ESO<br>Leiden Observatory<br>Lieden Observatory   | 2   |

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| 07GKa01 | Search for correlated intranight variability of blazars at radio, optical and TeV wavebands | Gopal krishna<br>Ram Sagar<br>Arti Goyal<br>G. C. Anupama<br>Joydeep Bagchi<br>B.S. Acharya<br>D. Bose           | NCRA-TIFR, Pune<br>ARIES, Naini Tal<br>ARIES, Naini Tal<br>IIA<br>IUCAA<br>TIFR<br>TIFR  | 6  |
| 07GKa02 | Coordinated GMRT/INTEGRAL observations of discrete galactic Gamma-ray sources               | Gopal krishna<br>V. K. Kulkarni<br>Joydeep Bagchi<br>Alock C. Gupta<br>O. Vilhu<br>F. Mirabel<br>Th. Courvoisier | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>IUCAA<br>HRI<br>Univ. of Helsinki<br>CEA-Saclay<br>Univ. of Geneva   | 10 |
| 07GKa03 | GMRT imaging of the rich clusters of galaxies from the XMM-Large Programme                  | Gopal krishna<br>V. K. Kulkarni<br>H. Boehringer<br>P. Schuecker<br>T. Ensslin                                   | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>MPE.Garching<br>MPE.Garching<br>MPA-Garching   | 3  |
| 07JBa01 | Oscillatory and Asymmetric Jet Behaviour of cD Galaxy in Abell 2025                         | Joydeep Bagchi<br>Gopal krishna  | IUCAA, Pune<br>NCRA-TIFR, Pune   | 3  |
| 07JGa01 | Detailed studies of 2 interesting drifting pulsars  | Janusz Gil<br>Yashwant Gupta<br>Bhaswati Bhattacharya  | Univ. of Zielona-Gora<br>NCRA-TIFR, Pune<br>NCRA-TIFR, Pune  | 2  |
| 07JKa01 | Low frequency study of pulsars with peculiar spectra - a high frequency turnover            | J. Kijak<br>K. Krzezowski<br>Yashwant Gupta  | Univ. of Zielona Gora, Poland<br>Univ. of Zielona Gora, Poland<br>NCRA-TIFR, Pune  | 1  |
| 07JMa01 | Low-frequency mapping of six giant radio sources  | J. Machalski<br>D. J. Saikia<br>Chiranjib Konar<br>M. Jamrozy  | Astron. Observ., Cracow, Poland<br>NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>Astron. Observ., Cracow, Poland   | 4  |
| 07JMP01 | Identifying variable gamma-ray sources through multi-epoch radio observations               | J. M. Paredes<br>J. Marti<br>C.H. Ishwara-Chandra<br>D. Torres<br>G. Romero<br>J. Combi                          | Universitat de Barcelona<br>Universidad de Jaen<br>NCRA-TIFR, Pune<br>Lawrence Livermore National Lab.<br>Instituto Argentino Radioastronomia<br>Instituto Argentino Radioastronomia | 3  |

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|         |   | V. Bosch-Ramon<br>J. Garcia-Sanchez  | Universitat de Barcelona<br>Universitat de Barcelona  |     |
| 07JMS01 | Low-frequency continuum observations of UGCA 86   | J. M. Stil<br>D. J. Saikia<br>A. D. Gray<br>J. A. Irwin                                      | University of Calgary<br>NCRA-TIFR, Pune<br>DRAO<br>Queen's University  | 3   |
| 07KKG01 | Probing the nature of ultra-luminous X-ray sources in Nearby galaxies                     | Kajal K. Ghosh<br>V. K. Kulkarni<br>P. N. Bhat<br>D. A. Swartz<br>A. F. Tennant              | USRA, NASA/MSFC/NSSTC<br>NCRA-TIFR, Pune<br>UAH/NSSTC<br>USRA, NASA/MSFC/NSSTC<br>NASA/MSFC/NSSTC   | 4   |
| 07MCa01 | Probing the outflowing jets of the symbiotic binary systems                               | M. Choudhury<br>J. Sokoloski   | NCRA-TIFR, Pune<br>Harvard-Smithsonian Centre for Astrophysics  | 4   |
| 07MHa01 | The Connection Between Cluster merger and particle acceleration in Abell 1750 and IC 1262 | M. Henriksen<br>Gopal krishna  | NASA/GSFC and UMBC<br>NCRA-TIFR, Pune   | 3   |
| 07MRK01 | Observing the Sun with GMRT at 235 and 610 MHz  | M. R. Kundu<br>S. M. White<br>S. Ananthakrishnan<br>Prasad Subramanian<br>J. Padmanabhan     | Dept.of Astronomy, Univ. of Maryland<br>Dept of Astronomy, Univ. of Maryland<br>NCRA-TIFR, Pune<br>IUCAA, Pune<br>PRL, Ahmedabad  | 2   |
| 07NKa01 | A search for OH megamaser emission in high z HyLIRGs                                      | Nissim Kanekar   | Kepteyn Institute   | 4   |
| 07NKa02 | The spin temperature of high redshift damped Lyman-alpha systems                          | Nissim Kanekar<br>Jayaram N. Chengalur   | Kapteyn Institute<br>NCRA-TIFR, Pune  | 5   |
| 07OHa01 | Long-period pulsar search: candidate confirmation and survey continuation                 | O. Hewitt<br>M. McLaughlin<br>Bhal Chandra Joshi<br>M. Kramer<br>D. R. Lorimer<br>A. G. Lyne | Jodrell Bank Observatory, UK<br>Jodrell Bank Observatory, UK<br>NCRA-TIFR, Pune<br>Jodrell Bank Observatory, UK<br>Jodrell Bank Observatory, UK<br>Jodrell Bank Observatory, UK | 7   |
| 07PCa01 | GMRT observations of radio bright type-IIP supernova SN 2004dj                            | Poonam Chandra<br>Alak Ray   | TIFR, Mumbai<br>TIFR, Mumbai  | 4.5 |
| 07PCF01 | A GMRT globular cluster survey at 610 Mhz   | P. C. Freire<br>Yashwant Gupta<br>Scott M. Ransom  | NAIC<br>NCRA-TIFR, Pune<br>NRAO   | 14  |
| 07PDa01 | Multiwavelength monitoring of microquasars  | Philippe Durouchoux<br>R. K. Manchanda   | CEN Saclay, France<br>TIFR, Mumbai  | 4   |

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|         |   | A. Pramesh Rao<br>Mamta D. Pandey  | NCRA-TIFR, Pune<br>Dept. of Physics, Mumbai Univ.   |    |
| 07PDa02 | Radio observations of INTEGRAL sources  | Ph. Durouchoux<br><br>R. K. Manchanda<br>A. Pramesh Rao<br>Mamta D. Pandey   | CEN Saclay, France<br><br>TIFR, Mumbai<br>NCRA-TIFR, Pune<br>Dept. of Physics, Mumbai Univ.   | 3  |
| 07PKS01 | Low frequency Radio Observations of HII Complexes   | P. K. Srivastava<br><br>A. Pramesh Rao   | DAV College, Kanpur<br><br>NCRA-TIFR, Pune  | 5  |
| 07PLa01 | The HI content of galaxy cluster C10024.0+1652 at $z = 0.4$                                     | Philip Lah<br><br>Jayaram N. Chengalur<br>Franklin H. Briggs<br>Mathew Colless<br>Roberto De Propriis  | Australian National University<br><br>NCRA-TIFR, Pune<br>Australian National University<br>Anglo-Australian Observatory<br>Anglo-Australian Observatory   | 5  |
| 07RBa01 | Tracing HI shells around UC HII regions   | Ramesh Balasubramanyam<br>T. K. Sridharan<br>P. G. Ananthasubramanian  | RRI, Bangalore<br><br>CfA, Boston, USA<br>RRI, Bangalore  | 2  |
| 07RBb01 | Observations of a sub-set of the Seyfert 12micro.m survey, via HI absorption                    | Rob Beswick<br><br>Alan Pedlar, Megan Argo<br><br>Carole Mundell<br>Jack Gallimore<br>D. J. Saikia<br>Matt Strong                              | Jodrell Bank Observatory, UK<br><br>Jodrell Bank Observatory, UK<br><br>Liverpool John Moores<br>Bucknell Uni, USA<br>NCRA-TIFR, Pune<br>Jodrell Bank Observatory, UK   | 6  |
| 07RJI01 | A deep 1.4 GHz survey of the Lockman Hole (SHADES/Spitzer Deep Field North)                     | Dr. R. J. Ivison<br><br>Dr. S. Rawlings<br>Prof. J. S. Dunlop<br>Prof. A. W. Blain<br>Prof. I. Smail<br>Prof. G. H. Rieke<br>SHADES consortium | Royal Observatory, Edinburgh, UK<br><br>Oxford Uni, UK<br>University of Edinburgh, UK<br>Caltech, USA<br>University of Durham, UK<br>University of Arizona, USA   | 4  |
| 07RMA01 | 235 MHz Observations of the VLA 74 MHz deep field Precursor to a GMRT Large Area Imaging Survey | Athreya Ramana<br><br>Dwarakanath K.<br>Pramesh Rao<br>Manojendu Choudhury   | NCRA-TIFR, Pune<br><br>Raman Research Institute<br>NCRA-TIFR, Pune<br>NCRA-TIFR, Pune   | 10 |
| 07RSb01 | Radio variability of the high mass X-ray binary 280114+650                                      | R. Sood<br><br>S. Farrell<br><br>R. Manchanda<br>P. O'Neil   | <a href="mailto:UNSW@ADFA, Canberra, Australia">UNSW@ADFA, Canberra, Australia</a><br><br><a href="mailto:UNSW@ADFA, Canberra, Australia">UNSW@ADFA, Canberra, Australia</a><br><br>DAA, TIFR, Mumbai<br>Imperial College, London, UK | 4  |

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| 07SCa01 | Redshifted HI and OH Absorption Towards Red Quasars and Radio Galaxies   | Steve Curran<br>Matthew Whiting<br>Chris Blake<br>John Webb<br>Michael Murphy<br>Ramana Athreya | University of New South Wales<br>University of New South Wales<br>University of New South Wales<br>University of New South Wales<br>NCRA-TIFR, Pune | 5   |
| 07SCb01 | Deep 90 cm observations of the Cosmos field  | Steve Croft<br>Bob Becker<br>Wil van Breugel<br>Wim de Vries<br>Richard L. White                | LLNL<br>LLNL / UC Davies<br>LLNL<br>LLNL / UC Davis<br>STScI  | 4   |
| 07SKC01 | Multi-wavelength observation of SS433 at Superior Conjunction  | Sandip K. Chakrabarti<br>Sabyasachi Pal   | S. N. Bose National Ctr. For Basic Sciences & Ctr. For Space Physics<br>S. N. Bose National Ctr. For Basic Sciences & Ctr. For Space Physics        | 5   |
| 07SKC02 | Multi frequency observation of mini- and micro-flares from Accretion disks and their correlation with the Mass of the Compact Object | Sandip K. Chakrabarti<br>Sabyasachi Pal   | S. N. Bose National Ctr. For Basic Sciences & Ctr. For Space Physics<br>S. N. Bose National Ctr. For Basic Sciences & Ctr. For Space Physics        | 4   |
| 07SKG01 | High angular resolution radio study of Galactic star forming regions   | S. K. Ghosh<br>V. K. Kulkarni<br>D. K. Ojha<br>R. P. Verma<br>S. Vig<br>A. Tej                  | TIFR (DAA)<br>NCRA-TIFR, Pune<br>TIFR (DAA)<br>TIFR (DAA)<br>TIFR (DAA)<br>TIFR (DAA)   | 4.5 |
| 07SVa01 | Exploring molecular transitions in Galactic star forming regions   | S. Vig<br>S. K. Ghosh<br>V. K. Kulkarni<br>D. K. Ojha   | TIFR (DAA)<br>TIFR (DAA)<br>NCRA-TIFR, Pune<br>TIFR (DAA)   | 2.5 |
| 07VKK01 | GMRT imaging of the very deep multi-color GMRT survey fields : a comprehensive characterization of the high-z AGN population         | Vasant Kulkarni<br>Gopal krishna<br>Jacqueline Bergeron<br>Alain Omont<br>Carlos De Breuck      | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>IAP<br>IAP<br>ESO   | 6   |
| 07YGa01 | Follow-up studies of the newly discovered pulsar in the globular cluster NGC1851   | Yashwant Gupta<br>Paulo C. Freire<br>Scott M. Ransom  | NCRA-TIFR, Pune<br>NAIC<br>McGill University  | 4.5 |

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| 07YGa02 | Detailed studies of a new drifting pulsar : B0818-41              | Yashwant Gupta<br>Bhaswati Bhattacharya<br>Janusz Gil                                   | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>Univ. of Zielona Gora, Poland                                    | 1 |
| 07YGa03 | A search for pulsars in supernova remnants                        | Yashwant Gupta<br>Dave Green<br>D. Mitra  | NCRA-TIFR, Pune<br>MRAO, Cambridge, UK<br>NCRA-TIFR, Pune  | 5 |
| 07YGa04 | Preparing the GMRT for an all-sky pulsar search: A pilot proposal | Yashwant Gupta<br>Dipanjan Mitra<br>Dipankar Bhattacharya<br>P. C. Freire<br>D. Lorimer | NCRA-TIFR, Pune<br>NCRA-TIFR, Pune<br>Raman Research Institute<br>NAIC<br>Jodrell Bank Observatory, UK | 8 |