

# Proposal with Highest Deviations

| Proposal Id | Proposal Title   | DEV |
|-------------|--|-----|
| PROP-001    | THE ORIGIN OF ORCS: A NEW CLASS OF ASTRONOMICAL OBJECTS?   | 2.3 |
| PROP-002    | CHARACTERISING LARGE-SCALE OVERDENSE STRUCTURES AT $Z = 2.2$ BY IDENTIFYING THEIR RADIO MEMBERS                            | 1.8 |
| PROP-003    | A MEERKAT ATLAS OF IRAS RBGS GALAXIES IN THE SOUTHERN HEMISPHERE   | 1.4 |
| PROP-004    | THE JO135 JELLYFISH GALAXY: A MEERKAT PERSPECTIVE  | 0.9 |
| PROP-005    | RESOLVING HI EMISSION AT KPC SCALES OF ULTRA DIFFUSE GALAXIES  | 1.7 |
| PROP-006    | FROM GALAXY DISK TO CGM -- DEEP MAGNETIZED HALOS   | 1.3 |
| PROP-007    | RADIO GALAXY HARASSMENT CAUGHT IN THE ACT  | 1.5 |
| PROP-008    | REVEALING THE NATURE OF IGR J11014-6103 JETS WITH MEERKAT  | 1.3 |
| PROP-009    | RESOLVING ULTRA-DIFFUSE GALAXIES IN HI   | 2.0 |
| PROP-010    | MAGNETIC FIELD STRUCTURE IN THE JELLYFISH GALAXY JO194   | 0.4 |
| PROP-011    | IMAGING NEW DIFFUSE CLUSTER RADIO SOURCES SELECTED AT LOW FREQUENCIES  | 1.6 |
| PROP-012    | MAPPING HI AROUND AGB STARS  | 1.1 |
| PROP-013    | A MEERKAT VIEW ON GALAXIES IN FILAMENTS FALLING ONTO THE VIRGO CLUSTER (VIRGOFIL)  | 1.4 |
| PROP-014    | MEERKAT HI IMAGING OF TWO SOUTHERN DUSTPEDIA GALAXIES  | 0.8 |
| PROP-015    | MEASURING THE TRUE OCCURRENCE RATE OF JETS IN TDES VIA LATE-TIME MEERKAT OBSERVATIONS                                      | 1.4 |
| PROP-016    | OBSERVATION OF GALAXIES DISCOVERED IN THE PILOT FAST ULTRA DEEP SURVEY   | 0.1 |
| PROP-017    | UNDERSTANDING THE UNUSUAL RADIO BEHAVIOUR OF THE HOT MAGNETIC STAR CU VIR  | 1.3 |
| PROP-018    | HI OBSERVATIONS OF ULTRA DIFFUSE GALAXIES (UDGS) IN GALAXY GROUPS  | 1.9 |
| PROP-019    | CONSTRAINING QUENCHING SCENARIOS IN RECENTLY QUENCHED ELLIPTICAL (RQE) GALAXIES VIA HI STUDY                               | 0.7 |
| PROP-020    | A STUDY OF AN UNEXPLORED POPULATION OF "FAST" RADIO SUPERNOVAE   | 1.4 |
| PROP-021    | UNRAVELLING NEW MAGNETIC FIELDS IN THE LARGE SCALE STRUCTURE OF THE UNIVERSE: THE CASE OF THE GALAXY CLUSTER A3718         | 1.6 |
| PROP-022    | SEARCHING FOR FAST OUTFLOWS OF COLD GAS AT INTERMEDIATE REDSHIFTS  | 0.6 |
| PROP-023    | TESTING STANDARD COSMOLOGY WITH GIANT RADIO GALAXIES IN THE DISTANT UNIVERSE   | 1.1 |
| PROP-024    | GRBS: THE REVERSE SHOCK RENAISSANCE  | 1.0 |
| PROP-025    | MEERKAT OBSERVATIONS OF THE MAGNETIZED COSMIC WEB  | 0.7 |
| PROP-026    | STAR FORMATION AND THE ISM IN NEARBY GALAXIES WITH MEERKAT   | 1.1 |
| PROP-027    | USING MEERKAT UHF TO BRIDGE THE GAP IN ABELL 2443  | 0.7 |
| PROP-028    | DISENTANGLING THE HISTORY OF PARTICLE ACCELERATION IN ULTRA STEEP SPECTRUM RELIC CLUSTERS ABELL 2443 AND CIZA J0719.5+0043 | 1.6 |
| PROP-029    | WHAT IS THE ORIGIN OF THE KPC-SCALE RADIO EMISSION IN RADIO-QUIET ACTIVE GALACTIC NUCLEI                                   | 0.5 |
| PROP-030    | OBSERVING HI IN THE REIONIZATION EPOCH ANALOG GALAXY HARO11  | 1.6 |
| PROP-031    | IMAGING THE DISK AND OUTFLOW OF THE STARBURST GALAXY NGC 253 WITH HIGH-RESOLUTION HI                                       | 2.2 |
| PROP-032    | AN HI PERSPECTIVE ON GALAXY EVOLUTION IN ABELL 2626 AND ITS SURROUNDINGS   | 1.2 |

| Proposal Id | Proposal Title  | DEV |
|-------------|---|-----|
| PROP-033    | THE CONNECTION BETWEEN STAR FORMATION, GAS PROPERTIES AND MAGNETIC FIELD IN NEARBY GALAXIES AT HIGH SPATIAL RESOLUTION        | 1.4 |
| PROP-034    | ANTLIA CLUSTER IN HIGH DEF: A STUDY OF EARLY GALAXY CLUSTER ASSEMBLY  | 0.7 |
| PROP-035    | MERGHERS: EVOLUTION OF CLUSTER SCALE RADIO SOURCES THROUGH COSMIC TIME  | 0.9 |
| PROP-083    | A SEARCH FOR PULSARS AROUND SGR A* THROUGH ROTATION MEASURE   | 1.2 |
| PROP-036    | THE HIGHEST-REDSHIFT GALAXIES IN THE G4JY SAMPLE  | 0.4 |
| PROP-037    | EXO-SPACE WEATHER ON LATE-TYPE STARS: IMPACTS ON HABITABILITY OF EXO-PLANETS  | 1.1 |
| PROP-038    | LOOKING FOR LOW COLUMN DENSITY HI WITH MEERKAT & FAST: NGC 3521   | 0.2 |
| PROP-039    | MEERKAT SPINS THE COSMIC WEB: MAPPING A LOCAL NEXUS OF GALAXY FILAMENTS   | 0.5 |
| PROP-040    | RADIO STUDY OF X-RAY EMITTING STARS WITH MEERKAT  | 1.3 |
| PROP-041    | A COMPLETE PICTURE OF GAS, DUST, AND STARS IN SIX OF THE BEST-STUDIED MEERKAT-VISIBLE GALAXIES                                | 2.4 |
| PROP-042    | OBSERVATIONS OF DWARF GALAXIES WITH VERY EXTENDED HI DISKS  | 1.8 |
| PROP-043    | TAILSPIN: MEERKAT OBSERVATIONS OF A DIFFUSE CLUSTER SOURCE IN ATLBS FIELDS  | 1.5 |
| PROP-044    | PROBING GAMMA-RAY BURST PHYSICS WITH MEERKAT  | 1.5 |
| PROP-045    | A HI ABSORPTION SEARCH TOWARDS THE BRIGHTEST G4JY SOURCES   | 0.7 |
| PROP-046    | SEARCHING FOR AURORAL EMISSION IN EXOPLANETARY SYSTEMS  | 0.5 |
| PROP-047    | MAPPING TIDAL INTERACTIONS IN NEARBY GALAXY GROUPS  | 1.2 |
| PROP-048    | STUCK IN THE TRAP: FINDING SYNCHROTRON PAIR HALOS AROUND PULSARS  | 0.3 |
| PROP-049    | MEERCHOIRS: EFFECTS OF GROUP ENVIRONMENT ON GALAXY EVOLUTION  | 1.5 |
| PROP-050    | CHANCE DISCOVERY OF TWO RADIO GALAXIES WITH PREVIOUSLY-UNKNOWN EXTENDED EMISSION  | 0.8 |
| PROP-051    | USING MEERKAT FOR MAPPING COSMIC SHEAR AND SEARCHING FOR COSMIC BIREFRINGENCE   | 1.0 |
| PROP-052    | EXPLORING NEW REGIMES IN PARTICLE ACCELERATION PHYSICS: THE GALAXY CLUSTER PAIR ABELL 141                                     | 1.1 |
| PROP-053    | SEARCHING FOR EVIDENCE OF GALACTIC WINDS IN CENTAURUS A   | 1.6 |
| PROP-054    | EXPLORING THE LARGE SCALE ENVIRONMENT AND STAR FORMATION PROPERTIES OF THE SPIDERWEB PROTO-CLUSTER AT $Z = 2.17$ WITH MEERKAT | 1.0 |
| PROP-055    | MULTI-WAVELENGTH REAL-TIME FAST TRANSIENTS WITH MEERKAT   | 0.8 |
| PROP-056    | MEERKAT - UGMRT COMBINED SURVEY OF THE SARASWATI SUPERCLUSTER: TOWARDS THE SKA  | 0.7 |
| PROP-057    | NEUTRAL HYDROGEN EMISSION AT $Z = 0.654$ IN A STRONGLY-LENSED QUASAR  | 0.7 |
| PROP-058    | AN X/S OF RARE RADIO MORPHOLOGIES?  | 0.9 |
| PROP-059    | ULTRA FAINT CENTRAL REGION OF GALAXY NGC 1350   | 0.7 |
| PROP-060    | HI STUDY OF ULTRA-DIFFUSE GALAXIES AND GALAXY EVOLUTION IN THE CENTRAL REGION OF HYDRA I                                      | 0.9 |
| PROP-061    | LOW FREQUENCY FOLLOW-UP OF GIANT RADIO GALAXIES THAT SHOULDN'T EXIST!   | 1.5 |
| PROP-062    | MEERKAT DEEP OBSERVATION OF THE X-RAY FILAMENT  | 1.4 |
| PROP-063    | LOW-FREQUENCY MEERKAT DEEP OBSERVATION OF THE X-RAY FILAMENT  | 0.4 |
| PROP-064    | INDIRECT DARK MATTER DETECTION IN DWARF GALAXIES  | 1.2 |

| Proposal Id | Proposal Title   | DEV |
|-------------|--|-----|
| PROP-065    | SEARCH FOR NEUTRAL HI GAS AT Z~ 0.5 WITH THE MEERKAT   | 0.3 |
| PROP-066    | HIGH REDSHIFT HI OBSERVATIONS AND A RADIO HALO IN ABELL 370  | 1.4 |
| PROP-067    | MEERKAT OBSERVATIONS OF GIANT LOW SURFACE BRIGHTNESS GALAXIES  | 1.2 |
| PROP-068    | PROBING STAR-PLANET INTERACTION IN THE PROXIMA - PROXIMA B SYSTEM WITH MEERKAT                               | 1.1 |
| PROP-069    | CATCHING CLUES OF THE ENERGY TRANSPORT BY JET/WINDSIN THE NORTH TRANSITION REGION OF CENTAURUS A             | 1.9 |
| PROP-070    | INVESTIGATING GAMMA-RAY EMITTING RADIO GALAXIES  | 1.6 |
| PROP-082    | A MEERKAT HI-LINE STUDY OF LOCAL VOLUME DWARF GALAXIES   | 0.8 |
| PROP-071    | INVESTIGATING THE PROPERTIES OF LOCALISED FAST RADIO BURSTS AND THEIR HOST GALAXIES                          | 0.9 |
| PROP-072    | EARLY RADIO EMISSION FROM TIDAL DISRUPTION EVENTS  | 0.8 |
| PROP-073    | DUTY CYCLE AND ENERGETICS OF THE REMNANT RADIO GALAXY MIDAS J2253-3446                                       | 1.1 |
| PROP-074    | RESOLVING THE MYSTERY OF A CANDIDATE DARK GALAXY   | 0.6 |
| PROP-075    | MAGNETIZATION AND KINEMATICS IN CIRCUMGALACTIC MEDIUM: TIDAL VS. GAS ACCRETION                               | 1.8 |
| PROP-076    | FORMATION OF GAMMA RAY BURSTS IN INTERACTING GALAXIES  | 0.5 |
| PROP-077    | SEARCH FOR DIFFUSE RADIO EMISSION IN SZ SELECTED GALAXY CLUSTERS IN THE SOUTHERN HEMISPHERE WITH THE MEERKAT | 1.1 |
| PROP-078    | DELINEATE THE FERMI BUBBLES AT RADIO WITH MEERKAT: A PILOT STUDY   | 0.2 |
| PROP-079    | ISOLATED DWARF GALAXIES DOMINATED BY BARYONS   | 1.3 |
| PROP-080    | HI LINE IMAGING OF NGC 5846 GROUP  | 1.1 |
| PROP-081    | TO MAP THE WARM IONIZED MEDIUM IN THE GALAXY USING MEERKAT AND FAST  | 1.4 |
| PROP-084    | ACCELERATED EVOLUTION IN THE DENSEST GROUPS OF GALAXIES: MEERKAT IMAGING OF THE MISSING HI                   | 1.1 |
| PROP-085    | MEERKAT OBSERVATIONS OF THE RIDGE CONNECTING THE GALAXY CLUSTERS PAIR A399-A401                              | 1.6 |
| PROP-086    | A SOUTHERN RADIO SURVEY OF THE FAST BLUE OPTICAL TRANSIENTS  | 1.6 |
| PROP-087    | HI INTENSITY MAPPING WITH MEERKAT: HUNTING DOWN THE POWER SPECTRUM   | 1.8 |