### GBT Observing Schedule for November 2004

<table>
<thead>
<tr>
<th>Proposal</th>
<th>Investigators</th>
<th>Institute</th>
<th>NRAO Friend</th>
<th>Title</th>
<th>Bands</th>
<th>Back Ends</th>
<th>Days *</th>
<th>Hrs *</th>
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<td>BB190</td>
<td>Bietenholz, M. F. Bartel, N.</td>
<td>York University York University</td>
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<td>Supernova 2001em: Does it have a GRB Jet?</td>
<td>X</td>
<td>V</td>
<td>22 23</td>
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<td>GBT01A-029</td>
<td>Eales, S. Carilli, C. L. Dunne, L. Ivison, R. J.</td>
<td>Cardiff University NRAO Cardiff University Astronomy Technology Centre</td>
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<td>A First Investigation of the Origin of Galaxies with the GBT [S. Eales]</td>
<td>K</td>
<td>S</td>
<td>(20 22 23 24 26 27 28 29 30)</td>
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<td>GBT02A-035</td>
<td>Yun, M. Carilli, C. L. Rupen, M. P. Wootten, H. A. Bertoldi, F. Eales, S. Ivison, R. J.</td>
<td>University of Massachusetts NRAO NRAO - NM NRAO-CV MPIfR</td>
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<td>Cosmic Evolution of the Most Luminous Submm Galaxies [M. Yun]</td>
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<td>GBT02A-069</td>
<td>Fisher, R.</td>
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<td>Galaxy Survey of HI emission [R. Fisher]</td>
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<td>GBT02C-050</td>
<td>Blain, A. Chapman, S. Ivison, R. J. Smal, I. Owen, F. N.</td>
<td>Caltech Astronomy Caltech Physics Astronomy Technology Centre University of Durham NRAO-SOC</td>
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<td>Survey for CO(1-0) from dusty galaxies at the highest redshifts [A. Blain]</td>
<td>K</td>
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<td>(29 30)</td>
<td>(17.50)</td>
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Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz Prime Focus Bands: 3=0.29-0.395GHz, 4=0.385-0.520GHz, 6=0.51-0.69GHz, 8=0.68-0.92GHz, A=0.91-1.23GHz * [] indicates secondary project; ( ) indicates primary project Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O-user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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<td>GBT04A-029</td>
<td>Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Kaplan, D.L.</td>
<td>NRAO Columbia Astrophysics Laboratory University of British Columbia McGill University Caltech</td>
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<td>S-band Pulsar Observations of Terzan5 and Liller1 [S. Ransom]</td>
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<td>GBT04A-030</td>
<td>Stairs, I. Thorsett, S. Arzoumanian, Z. Ferdman, R.</td>
<td>University of British Columbia University of California, Santa Cruz NASA/GSFC University of British Columbia</td>
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<td>High-Precision Timing of Binary Pulsars at the GBT [I. Stairs]</td>
<td>L</td>
<td>PG</td>
<td>[11 14]</td>
<td>[4.00]</td>
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<td>GBT04B-011</td>
<td>Rickett, B. J. McLaughlin, M. Coles, W. A. Lyne, A. G. Stairs, I. Camilo, F. Freire, Paulo</td>
<td>UCSD University of Manchester University of California, San NRAL University of British Columbia Columbia Astrophysics Laboratory Arecibo Observatory</td>
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<td>Scintillation studies of the J0737-3039 binary system [B. J. Rickett]</td>
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<td>GBT04B-022</td>
<td>Troland, T. H. Benjamin, R.A. Lockman, F. J.</td>
<td>University of Kentucky University of Wisconsin-Whitewater NRAO-GB</td>
<td>F. J. Lockman</td>
<td>The magnetic field in a compact high velocity cloud [T. H. Troland]</td>
<td>L</td>
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<td>1 2</td>
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<td>GBT04C-012</td>
<td>Donovan, J., Camilo, F.</td>
<td>Columbia University, Columbia Astrophysics Laboratory</td>
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<td>Deep Searches for Young Pulsars in ```Shell`` Supernova Remnants [J. Donovan]</td>
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<td>GBT04C-018</td>
<td>Bolatto, A., Darling, J.</td>
<td>University of California at Berkeley</td>
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<td>A Search for Cosmological HI Absorption Systems Toward Radio Selected Flat-Spectrum Sources [A. Bolatto]</td>
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<td>S</td>
<td>[27 29]</td>
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<td>GBT04C-030</td>
<td>van Driel, W. O'Neil, K. Schneider, S. E.</td>
<td>Carnegie Institution of Washington (Headquarters)</td>
<td>Bolatto]</td>
<td>A Search for Massive Low Surface Brightness Galaxies [W. van Driel]</td>
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<td>GBT04C-032</td>
<td>Dyer, K. Robishaw, T. Cornwell, T. J.</td>
<td>DAEC, Observatoire de Meudon, NRAO - GB University of Massachusetts</td>
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<td>Large-Scale Polarized Emission in Supernova Remnant SN1006 [K. Dyer]</td>
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<td>GBT04C-036</td>
<td>Ramachandran, R. Deshpande, A.A. Cordes, J. M. Backer, D. C. Freire, Paulo Vlemmings, W. Demorest, P. Deneva, Julia</td>
<td>UC Berkeley (Astronomy), Arecibo Observatory, NAIC and Cornell University, Berkeley Arecibo Observatory, University of California, Berkeley, Arecibo Observatory, Cornell University, UC Berkeley (Physics)</td>
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<td>Searching for young pulsars in the Cygnus Super Bubble region [R. Ramachandran]</td>
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<td>GBT04C-041</td>
<td>Braatz, J. A. Henkel, C.</td>
<td>NRAO, Max-Planck-Institut fur Radioastronomy</td>
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<td>Monitoring Extragalactic H2O Masers Discovered with the GBT [J. A. Braatz]</td>
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<td>GBT04C-051</td>
<td>Matthews, B. Robishaw, T. Heiles, C. E.</td>
<td>Calif., Berkeley University of California at Berkeley</td>
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<td>Probing Magnetic Field Strength and Geometry of the Orion Filament [B. Matthews]</td>
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<td>GBT04C-052</td>
<td>Kanekar, N. Chengalur, J. Ghosh, T.</td>
<td>Kapteyn Astronomical Institute, NCRA (TIFR) Arecibo Observatory</td>
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<td>A Search for 21 cm absorption in a high metallicity DLA at z = 2.462 [N. Kanekar]</td>
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<td>GBT04C-056</td>
<td>Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.</td>
<td>UC Berkeley (Physics), University of California, Berkeley Arecibo Observatory, University of British Columbia, University of British Columbia Princeton University, UC Berkeley (Astronomy)</td>
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<td>Precision Timing of Binary and Millisecond Pulsars [P. Demorest]</td>
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<th>Hrs *</th>
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