

GBT Observing Schedule for April 2006

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB223	Bartel, N. Bietenholz, M. F.	York University York University		The expansion and deceleration of SNR 41.9+58 in M82 [N. Bartel]	S	V	23 24	12.00
BK114	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Reid, M. J.	Harvard University CfA CfA Center for Astrophysics		Follow-up Imaging of Three NGC4258-like Water Megamasers Discovered with the GBT [P.T. Kondratko]	K	V	29 30	15.00
BK127	Knudsen, K.K. Walter, F. Mornjian, E. Carilli, C. L. Yun, M.	Max-Planck-Institute for Astronomy, Heidelberg MPIfA Arecibo Observatory (Puerto Rico) NRAO - Socorro University of Massachusetts		Resolving the AGN and the starburst in an intensely starforming quasar	L	V	30	7.00
BM241	More, A. Porcas, R. Garrett, M. Nair, S.	MPIfR JIVE RRI		A High Frequency Hsa Study Of The Gravitational Lens 2016+112	X	V	30	7.00
GBT01A-005	Turner, B. Langston, G. I.	NRAO-CV NRAO-GB	Frank Ghigo	A High-resolution Spectral Survey Of Tmc-1 At Q-band [G. I. Langston]	Q	S	2	4.00
GBT04A-038	Mason, B.S. Readhead, A. C. S. Reeves Diaz, R. Bustos, R. Pearson, T. J. Myers, S. Shepherd, M. C.	NRAO Green Bank Facility Caltech Universidad de Concepcion Universidad de Concepcion Caltech NRAO -SOC Caltech	Brian Mason	GBT Observations of Radio Sources in CBI Intrinsic Anisotropy Fields [B.S. Mason]	B	OD	20	7.50
GBT04C-043	Ransom, S. Freire, P. Gupta, Y.	NRAO - CV Arecibo Observatory National Centre for Radio Astrophysics	Scott Ransom	Timing the Eccentric Millisecond Pulsar Binary in Globular Cluster NGC 1851 [S. Ransom]	8	G	18 19	4.50
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	Jodrell Bank University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Observatory NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	13	5.00
GBT05C-019	Robishaw, T. Heiles, C. E.	University of California at Berkeley University of California	Toney Minter	The Galactic Arachnid in the Ursa Major Loop [T. Robishaw]	L	P	16 18 22 23 25 27	25.50

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

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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GBT05C-022	Braatz, J. A. Henkel, C.	NRAO - CV Max-Planck-Institut fur Radioa	Jim Braatz	The Accretion Disks and Supermassive Black Holes in NGC 2273 and NGC 4051 [J. A. Braatz]	K	S	19	4.00
GBT05C-023	Camilo, F. Ransom, S. Gaensler, B.M. Slane, P.O. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO - CV CFA CfA Jodrell Bank Observatory Australia Telescope	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	GB	13	1.00
GBT05C-026	Devlin, T. Devlin, M.J. Mason, B.S.	Rutgers University Rutgers Univ. and Univ. of Pennsylvania NRAO Green Bank Facility	Brian Mason	Polarization of 30 GHz emission from extra-galactic sources [T. Devlin]	XQ	P	1	3.25
GBT05C-033	Krco, M. Goldsmith, P. F.	Cornell University Cornell	Karen O'Neil	Structure and Formation of the Filamentary Cloud L204 [M. Krco]	L	S	14	4.00
GBT05C-042	Ransom, S. Freire, P. Hessels, J. W. T. Begin, S. Stairs, I. Camilo, F. Kaspi, V.	NRAO - CV Arecibo Observatory McGill University University of British Columbia University of British Columbia Columbia Astrophysics Laboratory McGill University	Scott Ransom	Timing the Binary and Millisecond Pulsars in NGC6440 and NGC6441 [S. Ransom]	S8	GY	8 18	12.50
GBT05C-046	Stairs, I. Lorimer, D.	University of British Columbia Jodrell Bank Observatory	Scott Ransom	Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	15	4.00
GBT05C-065	Braatz, J. A. Gugliucci, N.	NRAO - CV University of Virginia	Jim Braatz	Measuring the Extragalactic Distance Scale: A Target of Opportunity [J. A. Braatz]	K	S	17	1.00
GBT06A-003	Clemens, C. Rosen, Rachel Jacoby, B.A.	North Carolina, University of North Carolina, University of Naval Research Lab	Scott Ransom	Observational Tests for Non-radial Oscillations in Radio Pulsars [C. Clemens]	L	BR	1 5 12 16 23 26	29.50
GBT06A-006	Vlemmings, W. Diamond, P. J.	Jodrell MERLIN/VLBI National Facility	Karen O'Neil	The magnetic field in the circumnuclear disk of NGC 3079 [W. Vlemmings]	K	S	10 11 12 14 17 18	29.50
GBT06A-009	Condon, J. J. Braatz, J. A. Lo, F.K. Y.	NRAO-CV NRAO - CV NRAO-CV	Jim Braatz	H ₂ O and Dark Energy [J. J. Condon]	K	S	9	15.00
GBT06A-011	Blanton, M. Geha, M. West, A.A.	New York University Carnegie Observatories California at Berkeley, University of	Karen O'Neil	HI Content and Dynamics of Dwarf Disk Galaxies [M. Blanton]	L	S	1 2 3 4 14 15 17	70.00
GBT06A-014	Tarchi, A. Henkel, C. Brunthaler, A. Braatz, J. A.	Istituto di Radioastronomia Max-Planck-Institut fur Radioa MPIfR NRAO - CV	Jim Braatz	H ₂ O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	27	2.00

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GBT06A-018	McMullin, J. Balsler, D.S.	NRAO-SOC NRAO - Green Bank	Dana Balsler	Isotopic Abundances in Planetary Nebulae [D.S. Balsler]	Q	S	12	1.00
GBT06A-019	Osten, R.A.	NRAO-CV	Scott Ransom	Wideband Dynamic Spectroscopy of Coherent Radio Bursts on Active M Dwarfs [R.A. Osten]	S	G	4 5	10.00
GBT06A-022	Braatz, J. A. Gugliucci, N. Frail, D. A. Markwardt, C. Tueller, J. Gehrels, N.	NRAO - CV University of Virginia NRAO-SOC NASA/GSFC NASA/GSFC NASA	Jim Braatz	Water Vapor Megamasers in an X-Ray Selected Sample of AGNs [J. A. Braatz]	K	S	11 19 28	10.00
GBT06A-026	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria	Toney Minter	A search for 21cm absorption towards MgII absorbers in the redshift desert [N. Kanekar]	68	P	22 26 27 30	13.75
GBT06A-027	Masters, K. Huchra, J. Macri, L. Jarrett, T.H. Crook, A.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics National Optical Astronomy Observatory (NOAO) Caltech MIT	Karen O'Neil	Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	2 3 5 6 7 8 16 20 21 22 25 26	67.50
GBT06A-028	Hewitt, J. Yusef-Zadeh, F.	Northwestern University Northwestern University	Ron Maddalena	Mapping Radio Recombination Line Emission Toward SNRs W28 and W44 [J. Hewitt]	C	S	8	1.50
GBT06A-032	Braatz, J. A. Lo, F.K. Y. Jewell, P. R.	NRAO - CV NRAO-CV NRAO-GB	Jim Braatz	A Search for the First SiO Megamaser [J. A. Braatz]	Q	S	19 29	5.00
GBT06A-039	Camilo, F. Gaensler, B.M. Lorimer, D. Ransom, S.	Columbia Astrophysics Laboratory CFA Jodrell Bank Observatory NRAO - CV	Scott Ransom	Deep Searches of Three Pulsar Wind Nebulae [F. Camilo]	S	G	21	7.50
GBT06A-044	Darling, J. Stocke, J. T. Willett, K.	Colorado at Boulder, University of University of Colorado University of Colorado at Boulder	Frank Ghigo	Intrinsic HI and OH Absorption in Compact Radio Sources at High Redshift [J. Darling]	86	S	1 24 26	17.75
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV	Glen Langston	A search for the Largest Interstellar Molecule, HC ₁₃ N [G. I. Langston]	U	S	5 7 14 16 17 18 19 22 23 24 28	41.00
GBT06A-047	Requena-Torres, M.A. Martin-Pintado, J. Martin, S. Morris, M. R. Rodriguez-Franco, A.	Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC) Instituto de RadioAstronomica Milimetrica (IRAM) UCLA	Ron Maddalena	Complex Molecules in the Galactic Center molecular clouds [M.A. Requena-Torres]	KU	S	19 24 28 29	12.00

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		DAMIR-IEM-CSIC						
GBT06A-049	Readhead, A. C. S. Weintraub, L. Mason, B.S. Pearson, T. J. Shepherd, M. C.	Caltech California Institute of Technology NRAO Green Bank Facility Caltech Caltech	Brian Mason	Definitive Detection of Excess Arcminute Scale CMB Anisotropies [L. Weintraub]	B	O	6 10 11 25 27	50.50
GBT06A-050	Begin, S. Freire, P. Ransom, S. Stairs, I. Hessels, J. W. T. Kaspi, V.	University of British Columbia Arecibo Observatory NRAO - CV University of British Columbia McGill University McGill University	Scott Ransom	Timing of the Binary and Millisecond Pulsars in M28, NGC6624 and NGC6522 [S. Begin]	S	G	7 18	4.75
GBT06A-053	Ransom, S. Hessels, J. W. T. Stairs, I. Freire, P. Kaspi, V. Camilo, F.	NRAO - CV McGill University University of British Columbia Arecibo Observatory McGill University Columbia Astrophysics Laboratory	Scott Ransom	Continued Timing of the Binary and Millisecond Pulsars in Terzan 5 [S. Ransom]	S	G	5	7.50
GBT06A-054	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Jacoby, B.A. Bailes, M. Ord, S.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University Naval Research Lab Swinburne University of Technology Swinburne University of Technology	Scott Ransom	Long-term Precision Timing of Millisecond Pulsars [P. Demorest]	L8	YR	12 13 14	15.50
GBT06A-056	Kondratko, P.T. Greenhill, L. J. Moran, J. M.	Harvard University CfA CfA	Jim Braatz	Are there Unrecognized NGC4258-like Systems Among Known Water Masers in AGN? [P.T. Kondratko]	K	S	9 10 18 19 24 27 28 29	30.75
GBT06A-059	Kanekar, N. Shirley, Y.L.	NRAO-AOC University of Arizona	Dana Balser	Using CCH lines to measure changes in fundamental constants [N. Kanekar]	Q	S	11	2.50
GBT06A-065	Friesen, R. Di Francesco, J. Johnstone, D. Shirley, Y.L.	Victoria, University of National Research Council Canada NRC-HIA University of Arizona	Toney Minter	Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	9 10 12 19 28 29	20.50
GBT06A-066	Nidever, D. Majewski, S.R. Burton, W. B.	Virginia, University of University of Virginia	Jay Lockman	HI Mapping of the Extended Magellanic Stream [D. Nidever]	L	P	3	6.50
Maint	NRAO staff			Install CCB			27	1.00

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Maint	NRAO staff			Install 800			28	4.00
Maint	NRAO staff			Maintenance			4 7 12 13 20 21 25	55.00
Setup	NRAO staff		Frank Ghigo Brian Mason Scot	Observation setup	SKLXQB86CU VSODGBPYP		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	59.00
Tests	Ghigo			L band tests	L	DSP	8	4.00
Tests	NRAO staff			RCO X band	X	DSP	21	2.00
Tests	NRAO staff			RCO*6 600	6	DSP	21	1.50
Tests	NRAO staff			RCO*8 800	8	DSP	28	2.00
Tests	Ransom			Spigot tests	S	G	7	1.75
Tests	NRAO staff			Un-assigned Tests	K	S	14	1.00
Total Hrs	Astronomy Setup Maintenance Un-assigned Tests	588.75 59.00 60.00 12.25						

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