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. Momjian, 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		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		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		Timing the Eccentric Millisecond Pulsar Binary in Globular Cluster NGC 1851 [S. Ransom]	8	G	18 19	4.50
GBT05B-032	Thorsett, S. Stairs, I. Arzoumanian, Z.	University of California, Santa Cruz University of British Columbia NASA/GSFC		Timing the millisecond pulsar B1620-26 with the GBT [S. Thorsett]	L	PG	[29]	[1.00]
GBT05B-034	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M.	University of British Columbia Columbia Astrophysics Laboratory Jodrell Bank Jodrell Bank Observatory Jodrell Bank Observatory NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Istituto Nazionale di Astrofisica		Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	[29]	[1.50]

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	Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University						
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		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		The Galactic Arachnid in the Ursa Major Loop [T. Robishaw]	L	P	16 18 22 [23 24 25 27]	14.00 [23.50]
GBT05C-022	Braatz, J. A. Henkel, C.	NRAO - CV Max-Planck-Institut fur Radioa		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		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		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		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		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		Timing of a Relativistic Binary and other Pulsars from the Arecibo PALFA Survey [I. Stairs]	L	YG	15	4.00

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GBT05C-065	Braatz, J. A. Gugliucci, N.	NRAO - CV University of Virginia		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		Observational Tests for Non-radial Oscillations in Radio Pulsars [C. Clemens]	L	BR	1 5 12 16 [23 26 28]	19.50 [16.00]
GBT06A-006	Vlemmings, W. Diamond, P. J.	Jodrell MERLIN/VLBI National Facility		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		H_0 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		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		H2O vs Continuum in the Megamaser 3C403: Reverberation Mapping of the Nucleus [J. A. Braatz]	K	S	(25 27)	(4.00)
GBT06A-018	McMullin, J. Balser, D.S.	NRAO-SOC NRAO - Green Bank		Isotopic Abundances in Planetary Nebulae [D.S. Balser]	Q	S	12	1.00
GBT06A-019	Osten, R.A.	NRAO-CV		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		Water Vapor Megamasers in an X-Ray Selected Sample of AGNs [J. A. Braatz]	K	S	11 19 (23 26 28)	9.00 (10.00)
GBT06A-026	Kanekar, N. Ellison, S.E. York, B	NRAO-AOC University of Victoria University of Victoria		A search for 21cm absorption towards MgII absorbers in the redshift desert [N. Kanekar]	68	P	22 [24 25 26 27 28 29 30]	4.75 [17.50]
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		Mapping Matter in the Nearby Universe with 2MASS [K. Masters]	L	S	2 3 5 7 8 16 20 21 [22 24 25 26 27 28]	48.50 [26.75]
GBT06A-028	Hewitt, J. Yusef-Zadeh, F.	Northwestern University Northwestern University		Mapping Radio Recombination Line Emission Toward SNRs W28 and W44 [J. Hewitt]	C	S	8	1.50

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GBT06A-032	Braatz, J. A. Lo, F.K. Y. Jewell, P. R.	NRAO - CV NRAO-CV NRAO-GB		A Search for the First SiO Megamaser [J. A. Braatz]	Q	S	19 (29)	1.00 (4.00)
GBT06A-038	Troland, T. H. Lockman, F. J. Robishaw, T. Benjamin, R.A.	University of Kentucky NRAO-GB University of California at Berkeley University of Wisconsin-Whitewater		Magnetic Fields in the Galactic Halo via the HI Zeeman Effect [T. H. Troland]	L	P	[29]	[5.50]
GBT06A-039	Camilo, F. Gaensler, B.M. Lorimer, D. Ransom, S.	Columbia Astrophysics Laboratory CFA Jodrell Bank Observatory NRAO - CV		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		Intrinsic HI and OH Absorption in Compact Radio Sources at High Redshift [J. Darling]	86	S	1 [24 26] (24 26)	5.25 [18.00] (7.00)
GBT06A-046	Langston, G. I. Turner, B.	NRAO-GB NRAO-CV		A search for the Largest Interstellar Molecule, HC_13N [G. I. Langston]	U	S	5 7 14 16 17 18 19 22 [23 28] (24 26 28)	27.50 [7.50] (16.00)
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 DAMIR-IEM-CSIC		Complex Molecules in the Galactic Center molecular clouds [M.A. Requena-Torres]	KU	S	19 (24 26 28 29)	2.50 (10.00)
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		Definitive Detection of Excess Arcminute Scale CMB Anisotropies [L. Weintraub]	B	O	6 7 10 11 (25 27)	44.75 (10.00)
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		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		Continued Timing of the Binary and Millisecond Pulsars in Terzan 5 [S. Ransom]	S	G	5	7.50

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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		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		Are there Unrecognized NGC4258-like Systems Among Known Water Masers in AGN? [P.T. Kondratko]	K	S	9 10 18 19 (22 23 24 25 26 27 28 29 30)	12.75 (35.50)
GBT06A-059	Kanekar, N. Shirley, Y.L.	NRAO-AOC University of Arizona		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		Probing the initial conditions of star formation in Ophiuchus [R. Friesen]	K	S	9 10 12 19 (23 24 26 28 29)	15.00 (13.75)
GBT06A-066	Nidever, D. Majewski, S.R. Burton, W. B.	Virginia, University of University of Virginia		HI Mapping of the Extended Magellanic Stream [D. Nidever]	L	P	3	6.50
Maint	NRAO staff			Install 800			28	4.00
Maint	NRAO staff			Maintenance			4 7 12 13 20 21 [25 27]	46.50 [17.00]
Setup	NRAO staff			Observation setup	SKLXQB86CU	VSODGPBYR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 29 30 [22 23 24 25 26 27 28 29 30] (22 23 24 25 26 27 28 29 30)	44.00 [11.50] (14.50)
Tests	NRAO staff			Gen Tests			(25 27)	(21.00)
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

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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	577.75	117.25					
	Setup	58.50	11.50					
	Maintenance	50.50	17.00					
	Un-assigned Tests	33.25						

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