

GBT Observing Schedule for June 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB240	Bower, G. C. Bolatto, A. Ford, E. Kalas, P.	UC Berkeley University of California at Berkeley University of Amsterdam Calif.-Berkeley	Frank Ghigo	RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	6 13 14 19 20 26 27	34.00
BM305	Momjian, E. Wang, W.-H. Carilli, C. L.	Arecibo Observatory (Puerto Rico) National Radio Astronomy Observatory NRAO - Socorro	Jules Harnett	Resolving the Radio Emission of the Luminous SMM Galaxy GOODS 850-16 Resolving the Radio Emission of the Luminous SMM Galaxy GOODS 850-16 [E. Momjian]	L	5	27 28	8.50
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstrom, Y. Wiklund, T. Francis, P.	University of New South Wales Australia Telescope National Facility University of New South Wales Cambridge, University of UNM Space Telescope Science Institute Australian National University	Carl Bignell	Highly Redshifted HI and OH Absorption in Red Quasars [S. Curran]	8	SP	27	2.75
GBT05C-027	Mangum, J. G. Wooten, H. A.	NRAO Charlottesville NRAO-CV	Dana Balser	An Exact Identification of High Densities in Molecular Clouds [J. G. Mangum]	UB	S	5	5.50
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Bryn Mawr College Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	8L	YR	21 22 23	15.00
GBT08A-037	Edel, S. Ludovici, D. Lorimer, D. McLaughlin, M. Kondratiev, V. Ridley, J.	West Virginia University WVU West Virginia University	Scott Ransom	Radio monitoring of magnetars [D. Lorimer]	S	G	14 15	4.50
GBT08B-014	Kanekar, N. Chengalur, J. Ghosh, T.	NRAO-AOC NCRA (TIFR) Arecibo Observatory	Ron Maddalena	Probing changes in fundamental constants with conjugate satellite OH lines [N. Kanekar]	L	S	11 13	7.00
GBT08B-025	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YBG	20	5.50

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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

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	Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory						
GBT08B-026	Minter, A. Dennison, B. K. Dickens, L.	NRAO - Green Bank Virginia Polytechnic Institute	Toney Minter	The H 2p-2s fine-structure line toward HII Regions and Planetary Nebulae [A. Minter]	X	S	7 9 29 30	15.50
GBT08C-014	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	S	G	11 24	1.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W. Halpern, J. P. Ray, P.S.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University Columbia University Naval Research Lab	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	G	11 21 26	8.50
GBT08C-049	Lynch, R. Ransom, S. Freire, P. Stairs, I.	Virginia, University of NRAO - CV Arecibo Observatory University of British Columbia	Scott Ransom	Timing of Newly Discovered MSPs in the Globular Cluster NGC6517 [R. Lynch]	S	U	19	6.00
GBT09A-002	Anderson, L. Bania, T. M. Balsler, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	Discovering Milky Way HII Regions [L. Anderson]	X	DS	8 16 23 24 25 26	14.00
GBT09A-003	Freire, P. Ransom, S. Lynch, R.	Arecibo Observatory NRAO - CV Virginia, University of	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P. Freire]	S	UG	1	3.00
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	3 27	4.25
GBT09A-017	Lockman, F. J. Chynoweth, K. Langston, G. I.	NRAO-GB NRAO-GB	Jay Lockman	GBT HI Observations of "Wright's Cloud" [F. J. Lockman]	L	S	7	1.50
GBT09A-034	Garcia-Marin, M. Eckart, A. Koenig, S. Fischer, S. Zuther, J.	University of Cologne Max-Planck-Institut fur Radioa	Jules Harnett	21 cm HI Observations of intermediate-z Clusters of Galaxies [M. Garcia-Marin]	A	S	10	2.00

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GBT09A-049	Rosen, R. Demorest, P. Clemens, C.	North Carolina, University of UC Berkeley (Physics) North Carolina, University of	Scott Ransom	Observational Tests for Non-radial Oscillations in Radio Pulsars [R. Rosen]	L	U	9	3.00
GBT09A-055	Stocke, J. T. Darling, J. Yan, T.	University of Colorado Colorado at Boulder, University of	Jules Harnett	A New Approach to Discovering Highly Obscured Radio-Loud Quasars [J. Darling]	A	S	8	2.50
GBT09A-058	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	North Carolina, University of WVU West Virginia University NRAO-GB	Scott Ransom	Confirmation Observations of New Pulsars Discovered by the PSC [R. Rosen]	8	G	26	3.00
GBT09A-062	Camilo, F. Halpern, J. P. Ransom, S. Gotthelf, E.V.	Columbia Astrophysics Laboratory Columbia University NRAO - CV University of Columbia	Scott Ransom	New pulsar identifications of TeV gamma-ray sources [F. Camilo]	S	G	17 21 22	8.50
GBT09A-081	Kondratiev, V. Lorimer, D. McLaughlin, M.	West Virginia University West Virginia University WVU	Scott Ransom	A search for giant pulses in interpulse pulsars [V. Kondratiev]	3	G	12 15	6.50
GBT09A-098	Arzoumanian, Z. Ransom, S.	NASA/GSFC NRAO - CV		Confirming a candidate 24 ms pulsar in SNR G76.9+1.0 [Z. Arzoumanian]	C	U	4	3.75
GBT09A-099	Kanekar, N.	NRAO-AOC		Probing changes in the proton-electron mass ratio with radio molecular lines. [N. Kanekar]	X	S	5	1.50
GBT09B-001	Bania, T. M. Balsler, D.S. Anderson, L. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	Searching for Star Formation in the 3 kpc Arm [T. M. Bania]	X	SD	6 7 8 9 10 30	21.00
GBT09B-002	Anderson, L. Bania, T. M. Balsler, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	Discovering Milky Way HII Regions [L. Anderson]	X	DS	1 6 11 28 29	14.00
GBT09B-004	Gwinn, C. R. Johnson, M. Minter, A. Demorest, P. Kondratiev, V. Smirnova, T.	University of California, Sant NRAO - Green Bank UC Berkeley (Physics) West Virginia University	Toney Minter	Noise and Signal in Pulsar Scintillation [C. R. Gwinn]	3	OYM	12 13	9.50
GBT09B-005	Stocke, J. T. Darling, J. Yan, T.	University of Colorado Colorado at Boulder, University of	Jules Harnett	A Search for HI Absorption Toward Red AGN in Non-Elliptical Host Galaxies [J. Darling]	A	S	6 8	3.00

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GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV Center for Astrophysics Naval Research Lab West Virginia University	Scott Ransom	Three newly discovered pulsars [F. Camilo]	SL	U	15	3.00
GBT09B-008	Rubio-Herrera, E Stappers, B. Hessels, J. W. T.	University of Manchester ASTRON	Scott Ransom	Confirmation of Radio Pulsar Candidates in M31 [S. M. Rucinski]	3	G	13	9.00
GBT09B-010	Remijan, A. Meier, D.S. Stork, Wilmer	National Radio Astronomy Observatory National Radio Astronomy Observatory Parkland College	Tony Remijan	Surveying Cyanofomaldehyde (CNCHO) in Galactic Environments [A. Remijan]	X	S	28 29 30	14.50
GBT09B-011	Whelan, D. Privon, G. Walker, L. Johnson, K. Kepley, A.	University of Virginia University of Virginia University of Virginia University of Wisconsin at Madison (Astronomy)	Daniel Perera	HI Mass Determinations of Compact Groups of Galaxies [D. Whelan]	L	S	1 2 16 17	16.00
GBT09B-012	Rudnick, L. Farnsworth, D. Brown, S.	University of Minnesota University of Minnesota University of Minnesota	Jules Harnett	Relativistic Probes of the WHIM (redux) [L. Rudnick]	L	S	14 18 19 26 28 30	29.00
GBT09B-013	Aravena, M. Wagg, J. Wilner, D. Menten, K. M. Carilli, C. L. Humphreys, E.M.L.	NRAO - Soc Center for Astrophysics Max-Planck-Institut Fur Radioa NRAO - Socorro Harvard-Smithsonian Center for Astrophysics	Toney Minter	A search for luminous H2O maser emission in lensed, FIR luminous QSOs at z~4 [M. Aravena]	C	S	7 14	4.50
GBT09B-016	Pisano, D.J.	NRAO-GB	D.J. Pisano	Searching for low column density HI around NGC 2997 and NGC 6946 [D.J. Pisano]	L	S	4 5	6.00
GBT09B-018	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Two Very Dispersed Pulsars Near SgrA*: Continued Timing and Spectrum Estimation [J. Deneva]	US	G	4 17 18 19 26	9.00
GBT09B-019	Tibbs, C. Dickinson, Clive Davies, R. D. Watson, R. Davis, R. J. Mason, B.S. Paladini, R. Casassus, S. Cleary, Kieran	Jet Propulsion Laboratory University of Durham University of Manchester NRAO Green Bank Facility California Institute of Technology Chile, Universidad de Jet Propulsion Laboratory	Brian Mason	Constraining the Anomalous Emission in the Perseus Region on Arcminute Scales [C. Tibbs]	CL	D	5 6 7	15.00

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GBT09B-022	Rood, R. T. Bania, T. M. Balsler, D.S.	University of Virginia Boston University NRAO - Green Bank	Dana Balsler	Constraining Galactic Chemical Evolution: 3-Helium Benchmark Abundances in S209 [R. T. Rood]	X	DS	21	10.50
GBT09B-024	Ransom, S. Camilo, F. Ray, P.S. Roberts, M.	NRAO - CV Columbia Astrophysics Laboratory Naval Research Lab Eureka Scientific, Inc.	Scott Ransom	Searching for Radio Pulsars in Fermi Bright Unidentified Sources [S. Ransom]	8	U	18 22	7.50
GBT09B-028	McLaughlin, M. Lyne, A. G. Kramer, M. Miller, J. Lorimer, D. Keane, E.	WVU Manchester, University of Jodrell Bank West Virginia University	Scott Ransom	Timing of New and Old Rotating Radio Transient Sources [M. McLaughlin]	8	U	15 16 29	7.50
GBT09B-030	Cannon, J.M. Rosenberg, J.L. Salzer, J.	University of Minnesota Center for Astrophysics, Harvard Wesleyan University	Frank Ghigo	Optically Compact Dwarf Galaxies [J.M. Cannon]	L	S	8 10 20	11.75
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Cordes, J. M. Champion, D. Archibald, A. Kondratiev, V. Boyles, J. Hessels, J. W. T. McPhee, C. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J.	Virginia, University of NRAO - CV West Virginia University WVU University of British Columbia McGill University NAIC and Cornell University McGill University West Virginia University West Virginia University ASTRON Eureka Scientific, Inc. University of British Columbia University of British Columbia Cornell University	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	23 24 25 28	19.00
GBT09B-032	Archibald, A. Kaspi, V. Stairs, I. Ransom, S. Roberts, M. Lorimer, D.	McGill University University of British Columbia NRAO - CV Eureka Scientific, Inc. West Virginia University	Scott Ransom	Ionized Material in the LMXB-MSP Transition System FIRST J102347.67+003841 [A. Archibald]	L	GUY	1	3.00
GBT09B-034	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K.	NRAO-GB	Glen Langston	Deep Observations of Possible HVC Analogs in the NGC 2403 Group [K. Chynoweth]	L	S	7 9 11 12 13	19.25
GBT09B-037	Kanekar, N.	NRAO-AOC	Jim Braatz	A search for CH3CHO 1065 MHz emission in Galactic	A	S	5	2.00

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	Chengalur, J.	NCRA (TIFR)		molecular clouds [N. Kanekar]				
GBT09B-039	Zeiger, B. Darling, J.	University of Colorado Colorado at Boulder, University of	Ron Maddalena	C3H2 in the Gravitational Lens B0218+357: Chemical Evolution and Densitometry [B. Zeiger]	XU	S	5 26	4.25
GBT09B-040	Kanekar, N. Wagg, J. Carilli, C. L.	NRAO-AOC NRAO - Soc NRAO - Socorro	Ron Maddalena	A search for CS 1-0 emission at high redshifts [N. Kanekar]	U	S	2 3 4 5 7 23 24 25	28.00
GBT09B-043	DeCesar, M. Ransom, S. Stairs, I. Lorimer, D. McLaughlin, M. Kaspi, V. Archibald, A. van Leeuwen, J. Miller, C.	NRAO - CV University of British Columbia West Virginia University WVU McGill University University of British Columbia University of Maryland	Scott Ransom	A Search for Radio Pulsations from Low-Mass X-ray Binaries [M. DeCesar]	S	U	14 15 16 17 18	7.50
GBT09B-044	Smith, A. Greaves, J. Jardine, M. Cameron, A. Langston, G. I. Backer, D. C.	Univ. St. Andrews University of St Andrews NRAO-GB University of California, Berkeley	Glen Langston	Cyclotron emission from the exo-planet HD 189733b - copy [A. Smith]	3	M	12	6.00
GBT09B-045	Lynch, R. Ransom, S.	Virginia, University of NRAO - CV	Scott Ransom	Searching For New Pulsars in Eight Low Metallicity Globular Clusters [R. Lynch]	S	U	12	3.00
GBT09B-048	Margot, J.L. Campbell, D. B. Slade, M. Margot, J.L.	Cornell University Cornell University JPL Cornell University	Frank Ghigo	Venus spin dynamics [J.L. Margot]	X	X	9 13 14 19 21 27	6.75
GLST011217	Tomsick, J.A. Corbel, S. Migliari, S. Pottschmidt, K. Wilms, J. Rodriguez, J. Pooley, G. G.	Calif.-San Diego CEA-Saclay Amsterdam Switzerland Mullard Radio Astronomy Observ	Jim Braatz	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	CX	SD	3 10 17 24	8.00
Maint	NRAO staff			Maintenance			1 2 3 4 8 9 10 11 15 16 17 18 22 23 24 25 29 30	183.75
Tests	NRAO staff			SERVO			20	4.75
Tests	NRAO staff			HOLO			19	5.50

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Tests	Shelton			M&C Integ			23 25 29	12.00
Tests	Shelton			M&C Reg			27	5.50
Tests	NRAO staff			Pointing B	B	S	2	7.00
Tests	NRAO staff			RCO S			11	1.50
Tests	NRAO staff			RCO U	U		2	1.50
Tests	NRAO staff			RCO*3	3		10	1.50
Tests	NRAO staff			RCO*A	A		4	1.50
Tests	NRAO staff			Tests GUPPI			3 6 14 19 26	19.50
Tests	NRAO staff			Tests Q HP	Q		21	2.00
Tests	NRAO staff			Tests RRI			1 3	5.50
Total Hrs	Astronomy	465.25						
	Maintenance	183.75						
	Un-assigned	1.50						
	Tests	67.75						

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