

GBT Observing Schedule for March 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		RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	12	8.50
BB261	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Zaw, I. Tilak, A. Hao, L. Lah, P.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy		The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	5	20 21 23 24 29	31.50
GB065	Bach, U. Kirchbaum, T.P. Middelberg, E. Alef, W. Witzel, A. Zensus, J. A.	Osservatoria Astronomico di Torino MPIfR ATNF Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa MPIfR		Resolving the jets in Cygnus A [U. Bach]	Q	5	19	15.00
GBT07A-051	Hollis, J. M. Remijan, A. Jewell, P. R. Lovas, F. J.	NASA/GSFC National Radio Astronomy Observatory NRAO-CV Nat'l Instit. of Standards and Technology	Ron Maddalena	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis A. Remijan]	QX3	S	3 14 16 17 18	26.50
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	23 25 26	15.25
GBT07C-077	Mason, B.S. Sievers, J. Pfrommer, C.	NRAO Green Bank Facility	Brian Mason	Directly Measuring the Thermal Pressure Support of Ghost Bubbles in the ICM [B.S. Mason]	BM	K	22	2.25
GBT08A-020	Hessels, J. W. T. Ransom, S. Kaspi, V. Roberts, M.	ASTRON NRAO - CV McGill University Eureka Scientific, Inc.	Scott Ransom	Completing the GBT350 Pulsar and Transient Survey of the North Galactic Plane [J. W. T. Hessels]	8	G	23	2.25

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	Champion, D. Stappers, B.	McGill University University of Manchester						
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	29	4.50
GBT08A-056	Dicker, S. Devlin, M.J. Mason, B.S. Korngut, P. Olmi, L. Martin, P.G. Aguirre, J.	University of Pennsylvania Rutgers Univ. and Univ. of Pennsylvania NRAO Green Bank Facility CNR-Roma University of Toronto	Brian Mason	Observations with MUSTANG on the GBT at 3.3mm [S. Dicker]	M	O	22	4.00
GBT08A-073	Kanekar, N. Marthi, V.	NRAO-AOC	Jules Harnett	A deep search for associated HI 21cm absorption in red quasars [N. Kanekar]	L	S	28	1.00
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	28 30	15.00
GBT08B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Spectrum Estimation and Timing of Two Highly Dispersed Pulsars Near SGR A* [J. Deneva]	S	G	26	1.25
GBT08B-021	Stairs, I. Thorsett, S. Arzoumanian, Z.	University of British Columbia University of California, Santa Cruz NASA/GSFC	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	B	7	1.50
GBT08B-023	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A. Faulkner, A. Backer, D. C.	University of British Columbia University of British Columbia Jodrell Bank WVU UC Berkeley (Physics) Bryn Mawr College Istituto Nazionale di Astrofisica Columbia Astrophysics Laboratory Osservatorio di Cagliari Australia Telescope National Facility (ATNF) West Virginia University Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica University of Manchester University of California, Berkeley	Scott Ransom	Timing Binary Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	B	7	1.25

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GBT08B-025	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P.	Jodrell Bank University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YBG	26	5.50
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	28	2.00
GBT08C-009	Smail, I. Genzel, R. Ivison, R. J. Hainline, L. Blain, A. W. Tacconi, L. J. Bertoldi, F. Greve, T.R. Neri, R. Chapman, S.C. Harris, A. Baker, A.C. Cox, P. Omont, A.	University of Durham University of California, Berkeley Edinburgh, University of Caltech (Physics, Maths and Astronomy) Caltech Astronomy MPE U Bonn Caltech (Physics, Maths and Astronomy) IRAM U of Cambridge University of Maryland University of Maryland IAS/Institut. d'Astrophys. Spatiale Inst. d'Astrophysique de Paris	Frank Ghigo	A Combined GBT/PdBI CO Survey of Submm Galaxies [I. Smail]	B	Z	2	6.50
GBT08C-010	Courtois, H. Tully, R.B. Fisher, R. Bonhomme, N.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Toney Minter	Bulk motions of filaments in the Local Universe - Large Proposal - 08C [H. Courtois]	L	S	11 13 14 15 16 27 29 30	21.75
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]	38	G	12 27	1.75
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	GB	7 9 23	11.25

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	Halpern, J. P. Ray, P.S.	Columbia University Naval Research Lab						
GBT08C-035	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Zaw, I. Tilak, A. Hao, L. Lah, P.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	3 4 24 31	33.25
GBT08C-065	Wolfe, A. M. Jorgenson, R. Robishaw, T. Heiles, C. E. Prochaska, J.	University of California-San D University of California at San Diego University of California at Berkeley University of California University of California	Toney Minter	Search for Zeeman Splitting at High Redshift [A. M. Wolfe]	4	P	1 5 6 7 8	42.00
GBT08C-070	Zonak, S. Harris, A. Baker, A.C. Sharon, C. VandenBout, P. A. Maddalena, R.	University of Maryland University of Maryland University of Maryland NRAO-CV NRAO-Green Bank	Ron Maddalena	Deep Zpectrometer integration toward the Cloverleaf galaxy [A. Harris]	B	Z	10 12	6.50
GBT08C-073	Harris, A. Baker, A.C. Zonak, S. Sharon, C.	University of Maryland University of Maryland University of Maryland	Toney Minter	A CO(1-0) Survey of Dusty Galaxies at High Redshift [A. Harris]	B	Z	4 7 8 9 10 12	15.75
GBT08C-088	Pineda, J. Rosolowsky, E. Foster, J. Arce, H.G. Caselli, P. Myers, P. C. Goodman, A. A.	Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Am. Museum of Natural History Harvard-Smithsonian Center for Astrophysics Center for Astrophysics Center for Astrophysics	Jules Harnett	The COMPLETE GBT Ammonia Mapping of Perseus - v2.0 [J. Pineda]	KB	S	22 31	9.75
GBT08C-094	Remijan, A. Milam, S.	National Radio Astronomy Observatory	Frank Ghigo	Molecular Survey Towards Comet C/2007 N3 (Lulin) [A. Remijan]	K	S	5	5.00
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	28 29	9.50

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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	8	4.25
GBT09A-004	Gupta, N. Srianand, R. Petitjean, P. Noterdaeme, P.	Tata Institute of Fundamental Research Inter-University Centre for As Institut d'Astrophysique European Southern Observatory	Jules Harnett	Search for HI 21 cm absorption in a complete sample of DLAs at z>2. [N. Gupta]	4	P	5 6 7 8	12.50
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	2 7 20 25 30	15.00
GBT09A-013	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville Colorado at Boulder, University of Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa	Jeff Mangum	Kinetic Temperature in Starburst Galaxies [J. G. Mangum]	K	S	18 21	7.75
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	2 7 8 11 13 14 15 16 25 27	61.25
GBT09A-031	Jaffe, W. Oonk, R. Hatch, Nina	Leiden Observatory	Jim Braatz	Tracing Cool Molecular Gas in Cooling Flow Clusters with Ammonia Emission.	K	S	31	4.50
GBT09A-043	Lancaster, K. Birkinshaw, M. Wilkinson, P. N. Kus, A. J. Alareedh, A.	University of Bristol University of Manchester Torun Center for Astronomy	Brian Mason	Investigating the radio environments of clusters in the extended OCRA SZ sample [K. Lancaster]	B	K	21	2.00
GBT09A-044	Shirley, Y.L. Schenck, D. Mangum, J. G. Mason, B.S. Cotton, B.W. D. Dicker, S. Devlin, M.J. Korngut, P.	University of Arizona NRAO Charlottesville NRAO Green Bank Facility NRAO-CV University of Pennsylvania Rutgers Univ. and Univ. of Pennsylvania	Brian Mason	Modeling the Dust Emission from Class 0 Protostars at 3mm [Y.L. Shirley]	M		17	2.00
GBT09A-046	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K.	NRAO-GB	Glen Langston	A Search for Faint Extended HI in Nearby Galaxy Groups - copy [K. Chynoweth]	L	S	9 12 13 16 18 31	25.50
GBT09A-048	Privon, G. Whittle, M.	University of Virginia	Jules Harnett	HI observations of Mkn 34 and Mkn 78 [G. Privon]	L	S	17 18 19 20	24.00
GBT09A-052	Mason, B.S. Dicker, S.	NRAO Green Bank Facility University of Pennsylvania	Brian Mason	A High-Resolution Image of the SZE in RXJ1347-1149 With MUSTANG [B.S. Mason]	M		21 22 24	13.50

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	Molnar, S. Koch, P. Korngut, P. Cotton, B.W. D. Aguirre, J. Devlin, M.J.	NRAO-CV Rutgers Univ. and Univ. of Pennsylvania						
GBT09A-053	Murphy, E. Condon, J. J. Turner, J. L. Schinnerer, E. Helou, G. Armus, L.	NRAO-CV UCLA MPIA IPAC, Caltech SSC/IPAC	Brian Mason	Radio Recombination Lines in KINGFISH Galaxies; NGC6946 Pilot Project [E. Murphy]	B	KS	1 18 21 22 24 27	27.75
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]	L	S	12	1.75
GBT09A-064	Zeiger, B. Darling, J. Baker, A.C. Harris, A.	University of Colorado Colorado at Boulder, University of University of Maryland University of Maryland	Karen O'Neil	A Spectral Survey of an Opaque Atmospheric Window [B. Zeiger]	B	Z	2 3 4 9	19.50
GBT09A-066	Rea, N. Burgay, M. Torres, D. Hessels, J. W. T. Sierpowska-Batorska, A. Possenti, A.	Istituto Nazionale di Astrofisica LLNL ASTRON Istituto Nazionale di Astrofisica	Scott Ransom	Deep search for the radio pulsar powering the new TeV binary HESS J0632+057 [M. Burgay]	XS	G	23 26 27 30	11.00
GBT09A-072	Nigra, L. Gallagher III, J. S. Stanimirovic, S. Lockman, F. J. Nidever, D. Majewski, S.R.	University of Wisconsin Wisconsin NRAO-GB Virginia, University of University of Virginia	Jay Lockman	Diagnosing the Agents of Aging on the Magellanic Stream [L. Nigra]	L	S	14 15	9.75
GBT09A-073	Boyles, J. Lorimer, D. McLaughlin, M. Ransom, S. Kondratiev, V. Stairs, I. Kaspi, V. Archibald, A. McPhee, C. Hessels, J. W. T. Lynch, R. Cordes, J. M. Roberts, M.	West Virginia University West Virginia University WVU NRAO - CV West Virginia University University of British Columbia McGill University ASTRON Virginia, University of NAIC and Cornell University Eureka Scientific, Inc.	Scott Ransom	Timing new pulsars from the GBT 350-MHz drift-scan survey [J. Boyles]	L38	GU	12 14 15 27	5.25

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	Kasian, L. van Leeuwen, J. Deneva, J. Champion, D.	University of British Columbia University of British Columbia Cornell University McGill University						
GBT09A-075	Lynch, R. Ransom, S. Freire, P. Lorimer, D. Stairs, I.	Virginia, University of NRAO - CV Arecibo Observatory West Virginia University University of British Columbia	Scott Ransom	Searching for New Pulsars in Six Globular Clusters [R. Lynch]	S	U	25	4.00
GBT09A-076	Claussen, M.J. Goss, W. M. Majewski, S.R. Carlin, J.	NRAO-SOC NRAO-SOC University of Virginia Univ. of Virginia	Jim Braatz	Proper Motions of the Sagittarius Tidal Stream and the Shape of the Halo [M.J. Claussen]	Q	S	2 3	4.50
GBT09A-079	Grossan, B. Heiles, C. E. Goldston, J.	University of California	Jules Harnett	The Far-IR Background & the HI/Dust Foreground [B. Grossan]	L	P	1 5 6 10 11 13 16 17 19	32.00
GBT09A-085	Aguirre, J. Spekkens, K.M.M. Mason, B.S.	Cornell University NRAO Green Bank Facility	Brian Mason	Searching for Dark Matter Annihilations in Nearby Dwarf Spheroidals [J. Aguirre]	L	SD	2 10 12 21 22 31	23.25
GBT09A-089	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV CFA West Virginia University	Scott Ransom	The pulsar in the very young and distant supernova remnant G0.9+0.1 [F. Camilo]	S	U	11	6.50
GBT09A-090	Ries, P. Mason, B.S.	NRAO Green Bank Facility	Brian Mason	MUSTANG Observations of Comet C/2007 N3 (Lulin) [P. Ries]	M	OK	10 14 15	9.00
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]	X	SD	4 13 18 25	8.00
Maint	NRAO staff			Maintenance	38		5 6 10 17 20 26	51.00
Tests	Galen Watts			Ka Band Receiver	B		13	3.00
Tests	O'Neil			9A40 Tests	B	Z	30	5.75
Tests	NRAO staff			Active Surface Tests	H		28	0.50
Tests	Hunter			HOLO	H		27	5.00

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Tests	Galen			Ka Test	B		24	3.75
Tests	Norrod Watts			Ka Tests	B		18 28	7.00
Tests	Galen			Ka tests	B		30	1.75
Tests	Hunter			OOF	M		3	4.00
Tests	NRAO staff			PTCS	M		21 25	5.00
Tests	NRAO staff			Pointing	B		24	2.00
Tests	NRAO staff			Pointing Tests	B		25	4.50
Tests	Perera			RCO*3	3	S	10	1.25
Tests	NRAO staff			RCO*8	8	DSP	20	1.50
Tests	ghigo			Track tests			28	5.00
Total Hrs	Astronomy	634.75						
	Maintenance	51.00						
	Un-assigned							
	Tests	58.25						

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