GBT Observing Schedule for May 2009

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB233	Bietenholz, M. F. Bartel, N.	York University York University		Does the Ursa Minor Dwarf Spheroidal Host an Intermediate-Mass Black Hole? [M. F. Bietenholz]	C	5	17	8.50
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	(16 18 26 28)	(34.00)
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	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	5	(14 15)	(10.50)
BM296	Miller-Jones, J. Migliari, S. Fender, R.P. Jonker, P.G. Tomsick, J.A.	Oxford Amsterdam U Southampton CfA Calif.-San Diego		Resolving the compact jet in a neutron star X-ray binary system [J. Miller-Jones]	X	5	31	8.50
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstrom, Y. Wiklind, 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]	A	SP	30	2.75
GBT06A-016	Morris, M. R. Wiesenfeld, L. Requena-Torres, M.A. Ceccarelli, C. Valiron, P. Martin-Pintado, J. Faure, A.	UCLA Universite Joseph Fourier, Grenoble Consejo Superior de Investigaciones (CSIC) Observatoire de Grenoble Laboratoire d'Astrophysique, Univ. J. Fourier, Grenoble Consejo Superior de Investigaciones (CSIC) Observatoire de Grenoble	Ron Maddalena	Observations of Cyanopolyynes in the Galactic Center at 7 and 11 mm [M. R. Morris]	QB	S	(12 13 14 15 16 18 19 20 21 22 27 29)	(57.00)
GBT07A-051	Hollis, J. M. Remijan, A. Jewell, P. R. Lovas, F. J.	NASA/GSFC National Radio Astronomy Observatory NRAO-CV	Ron Maddalena	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [A. Remijan]	KBQ	S	(26 28)	(8.00)

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		Nat'l Instit. of Standards and Technology						
GBT07A-086	Bregman, J. N. Irwin, M.J.	University of Michigan Institute of Astronomy	Jim Braatz	The Detection of the Missing Baryons with the NVII Line [J. N. Bregman]	Q	S	12 (8 9 10 11)	0.75 (7.42)
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	[19 20 21 22 26 27 28 29]	[30.00]
GBT07C-013	Kanekar, N. Chengalur, J.	NRAO-AOC NCRA (TIFR)	Frank Ghigo	Conjugate OH lines in the z ~ 0.886 gravitational lens towards 1830-21 [N. Kanekar]	8	S	10	6.00
GBT07C-040	Birkinshaw, M. Lancaster, K. Kus, A. J. Wilkinson, P. N.	University of Bristol Torun Center for Astronomy University of Manchester	Brian Mason	Investigating the radio--source environment of clusters in the OCRA SZ samples [K. Lancaster]	B	K	(16 18)	(4.00)
GBT07C-070	Pisano, D.J. Wagg, J. Koo, D.	NRAO-GB NRAO - Soc Space Telescope Science Instit	D.J. Pisano	Searching for CO emission from z~1 Luminous Compact Blue Galaxies [D.J. Pisano]	Q	S	7 8 (24 25)	5.75 (10.00)
GBT08A-048	Araya, E. Hofner, P. Hoffman, I.M. Goss, W. M. Linz, H. Kurtz, S.	New Mexico Tech New Mexico Tech St. Paul's School NRAO-SOC TLS Tautenburg/MPIA UNAM	Jim Braatz	Correlated Variability of Astrophysical Masers I: monitoring of NGC7538 IRS1 [E. Araya]	CUK	S	(16 18)	(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]	A	S	30 31	2.50
GBT08A-092	Greaves, J. Hales, A. Matthews, B.	Herzberg Institute	Brian Mason	Super-sized dust and exo-Earth formation [J. Greaves]	B	K	(17 24)	(4.00)
GBT08B-005	Campbell, B. Campbell, D. B. Carter, L. Ghent, R. Nolan, M	Smithsonian Institute Cornell University Smithsonian Institution Smithsonian Institution Arecibo Observatory	Frank Ghigo	High-Resolution 12.6-cm Radar Mapping of the Nearside of the Moon [B. Campbell]	S	X	1 2 3	9.00
GBT08B-010	Ruffle, P. Kobayashi, N.	Queen's University Belfast Center for Astrophysics	Paul Ruffle	Molecular Line Survey of Edge Cloud 2 Southern Core [P. Ruffle]	C	S	(19 21)	(6.50)

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	Millar, T. Saito, M. Yasui, C.							
GBT08B-014	Kanekar, N. Chengalur, J. Ghosh, T.	NRAO-AOC NCRA (TIFR) Arecibo Obseratory	Ron Maddalena	Probing changes in fundamental constants with conjugate satellite OH lines [N. Kanekar]	L	S	[12 13 14 15]	[9.00]
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	2	1.25
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	5	1.50
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	[9 11 16 17 18 20 22 23 24 25]	[68.50]
GBT08B-035	Darling, J. Willett, K.	Colorado at Boulder, University of University of Colorado at Boulder	Frank Ghigo	A High Redshift OH Megamaser Survey [J. Darling]	8	S	2 4 7	16.25
GBT08C-005	McIntosh, G. Minter, A.	University of Minnesota NRAO - Green Bank	Toney Minter	SiO Maser Observations of VY CMa [G. McIntosh]	Q	S	(26 27 28 29)	(12.00)
GBT08C-009	Smail, I. Genzel, R. Ivison, R. J.	University of Durham University of California, Berkeley Edinburgh, University of	Frank Ghigo	A Combined GBT/PdBI CO Survey of Submm Galaxies [I. Smail]	B	Z	(8)	(4.75)

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	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.	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/Instit. d'Astrophys. Spatiale Inst. d'Astrophysique de Paris						
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	1 3 4 5 [9 10 11 12 13 16 18 19 20 21 22 23 24 25 26 27 28 29]	24.25 [61.75]
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]	SXC	G	5 [13 15 24 25]	0.75 [7.50]
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]	L8S	GB	1 30 [16 18]	7.50 [9.50]
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	(12)	(4.00)
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	23	6.25

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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 17 24)	(9.00)
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	(10 12 13 15 19 21)	(19.50)
GBT08C-076	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO - CV Arecibo Observatory University of British Columbia ASTRON Virginia, University of	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	G	6 [9 11]	8.25 [16.00]
GBT09A-002	Anderson, L. Bania, T. M. Balser, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balser	Discovering Milky Way HII Regions [L. Anderson]	X	DS	7	2.25
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	[13 15]	[6.00]
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	1 2 3 4 5 7 [12 13 14 15 19 21 26 27 28 29]	26.00 [43.50]
GBT09A-012	Carilli, C. L. Daddi, E. Wagg, J. Aravena, M. Walter, F. Riechers, D. Dannerbauer, H. Dickinson, M. Elbaz, D. Stern, D. Morrison, G.	NRAO - Socorro NRAO - Soc MPIfA Max-Planck-Institute for Astronomy, Heidelberg NOAO JPL IfA - Hawaii	Toney Minter	Study of the ISM conditions in normal star forming galaxies at $z \sim 1.5$ [C. L. Carilli]	Q	S	(9 11 13 14 15 16 17 18)	(28.33)
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 3 4 5 30 [9 11 14 16 17 18 19 20 21 23 24 25]	37.50 [81.75]
GBT09A-021	Cernicharo, J. Vincent, L. Feautrier, N.	CSICIEMDpto. Fisica Molecular	Jim Braatz	SO2: A molecule with maser emission and line absorption line in cold dark clouds [J. Cernicharo]	B	S	(9 11)	(10.00)

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	Valiron, P. Faure, A. Spielfiedel, A. Senent, M. Daniel, F.	Laboratoire d'Astrophysique, Univ. J. Fourier, Grenoble Observatoire de Grenoble						
GBT09A-022	Bremer, M. Stanway, E. Carilli, C. L. Birkinshaw, M. Douglas, L. Davies, L. Lehnert, M. D.	University of Bristol University of Wisconsin--Madison NRAO - Socorro University of Bristol Max Planck Inst fuer Physik	Toney Minter	Probing Large Masses of Cool Gas at z>5 [M. Bremer]	B	S	(19 20 21 22)	(25.00)
GBT09A-031	Jaffe, W. Oonk, R. Hatch, Nina	Leiden Observatory	Jim Braatz	Tracing Cool Molecular Gas in Cooling Flow Clusters with Ammonia Emission. [R. Oonk]	K	S	(23)	(7.00)
GBT09A-037	Martín, S. Martin-Pintado, J. Harris, A. Baker, A.C. Requena-Torres, M.A. Rodriguez-Franco, A. Armijos, J.	Consejo Superior de Investigaciones (CSIC) University of Maryland University of Maryland Consejo Superior de Investigaciones (CSIC) DAMIR-IEM-CSIC	Karen O'Neil	The APM 08279+5255 redshifted 2mm molecular line survey [S. Martín]	B	Z	(9 10 11 13 15 19 20 21)	(29.50)
GBT09A-040	Swinbank, M. Smail, I. Coppin, K. Edge, A. Ellis, R. Baker, A.C. Harris, A. Stark, D. Jones, T. Kneib, J.P. Ebeling, H.	Durham University University of Durham Durham, University of University of Durham Caltech University of Maryland University of Maryland Caltech Observatiore de Toulouse University of Hawaii	Karen O'Neil	Probing the Gas Properties of Star-Forming Galaxies at High-z via Strong Lensing [M. Swinbank]	B	Z	(23 25 26 27 28 29)	(49.00)
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	(13 15)	(6.00)
GBT09A-044	Shirley, Y.L. Schenck, D. Mangum, J. G. Mason, B.S. Cotton, B.W. D.	University of Arizona NRAO Charlottesville NRAO Green Bank Facility NRAO-CV	Brian Mason	Modeling the Dust Emission from Class 0 Protostars at 3mm [Y.L. Shirley]	M		8	4.75

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	Dicker, S. Devlin, M.J. Korngut, P.	University of Pennsylvania Rutgers Univ. and Univ. of Pennsylvania						
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	1 6 8	10.50
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	4	1.00
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	30 31	10.50
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. Kasian, L. van Leeuwen, J. Deneva, J. Champion, D.	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. University of British Columbia University of British Columbia Cornell University McGill University	Scott Ransom	Timing new pulsars from the GBT 350-MHz drift-scan survey [J. Boyles]	L8S346	GU	[24 25] (13 17 24)	[4.00] (4.00)
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	[19 21]	[6.00]
GBT09A-080	Nordhaus, M. Evans II, N.J. Rosolowsky, E. Cyganowski, C. Bally, J. Aguirre, J. Drosback, M. Glenn, J. Williams, J. P. Bradley, E.T.	University of Texas at Austin Harvard-Smithsonian Center for Astrophysics Wisconsin at Madison, University of University of Colorado Institute for Astronomy	Jim Braatz	NH3 in Dense Cloud Cores Selected from the 1.1 mm Continuum BGPS [M. Nordhaus]	K	S	(27 29)	(4.00)

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	Ginsburg, A.							
GBT09A-098	Arzoumanian, Z. Ransom, S.	NASA/GSFC NRAO - CV		Confirming a candidate 24 ms pulsar in SNR G76.9+1.0 [Z. Arzoumanian]	S8	U	6 7	5.25
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	6	6.50
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	5 (12 14 20 22 26 28)	2.00 (12.50)
Maint	NRAO staff			Maintenance	CA	A	1 5 7 12 22 [13 15 26 27 28 29]	29.75 [51.00]
Not Sched	NRAO staff						(12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 29 30 31)	(81.25)
Tests	Maddalena			Gain Cal	KQB	DSP	(24 25)	(10.00)
Tests	Hunter			HOLO	H		(9 10 11)	(23.00)
Tests	Hunter			Holography	H		3	4.00
Tests	NRAO staff			RCO C band	C	DSP	12 [13 15]	1.50 [3.00]
Tests	NRAO staff			RCO Ka		B	6	1.75
Tests	NRAO staff			RCO*A PF2	A	DSP	[27 29]	[3.00]
Tests	NRAO staff			Un-assigned Tests	B	Z	2	1.00
Tests	Hunter Ghigo			Tests PTCS			1	1.50
Tests	NRAO staff			Tests zpectrometer	B	Z	5 8	4.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	586.00 29.75 81.25 47.00	343.50 51.00 6.00					

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