GBT Observing Schedule for April 2008

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	7 10 15 23 (26 28 29 30)	34.00 (25.50)
BB242	Braatz, J. A. Greenhill, L. J. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y.	NRAO - CV CfA NRAO-CV Center for Astrophysics Max-Planck-Institut fur Radioa NRAO-CV		The Megamaser Cosmology Project [L. J. Greenhill]	K	V	12 13 14 15 16 18 19 21 22	62.50
BL156	Loinard, L. Torres, R.M. Mioduszewski, A. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico) UNAM NRAO - SOC Instituto de Astronomia, UNAM		Completing the VLBA mapping of nearby star-forming regions [A. Mioduszewski]	X	5	20	8.50
BM267	Mutel, R. L. Guedel, M. Peterson, W.	University of Iowa Paul Scherrer Institute		Time-Lapse Imaging of Algol's Radio Magnetosphere [R. L. Mutel]	U	5	6	12.50
GBT05A-029	VandenBout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank		Search for Cold Molecular Gas at High Redshift [P. A. VandenBout]	B	SD	5 6 15 24	9.25
GBT07A-029	Crutcher, R. M. Troland, T. H. Hakobian, N.	University of Illinois University of Kentucky University of Illinois	Toney Minter	A Definitive Test of Star Formation Theory [R. M. Crutcher]	L	P	1	4.50
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	Larry Morgan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	3468ALSCXUK BQ	S	2 7 (26 28 29)	9.25 (13.00)
GBT07A-066	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV	Jim Braatz	The Megamaser Cosmology Project [J. A. Braatz]	K	S	2 3 7 22 23 24	30.75
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	3	2.75
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I.	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	S8L	RY	17 18 19 20 22 24 25	22.50

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	Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	Bryn Mawr College Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans						
GBT07B-025	Ransom, S. Stairs, I. Freire, P. Hessels, J. W. T.	NRAO - CV University of British Columbia Arecibo Observatory Universiteit van Amsterdam	Scott Ransom	Continued Timing of the Millisecond Pulsars in M28, NGC6440 and NGC6441 [S. Ransom]	S	G	17 21	9.00
GBT07B-029	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]	L	GYB	22	5.25
GBT07B-031	Majewski, S.R. Claussen, M.J. Goss, W. M.	University of Virginia NRAO-SOC NRAO-SOC	Larry Morgan	Proper Motions of the Sagittarius Tidal Stream and the Shape of the Halo [M.J. Claussen]	K	S	(30)	(7.75)
GBT07B-034	Ferdman, R. Stairs, I. Kramer, M. McLaughlin, M. Faulkner, A. Backer, D. C. Demorest, P. Nice, D. Burgay, M. Camilo, F. D'Amico, N. Hobbs, G. Lorimer, D. Lyne, A. G. Manchester, D.R. N. Possenti, A.	University of British Columbia University of British Columbia Jodrell Bank WVU University of Manchester University of California, Berkeley 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	Scott Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	Y	4 5	11.50
GBT07C-005	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	Ron Maddalena	Formaldehyde Densitometry of IR-Bright Galaxies [J. G. Mangum]	C	S	[30]	[5.00]

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GBT07C-030	Bregman, J. N. Irwin, M.J. Ji, J.	University of Michigan Institute of Astronomy	D.J. Pisano	The Detection of Redshifted Hot Baryons with the NVII Line [J. N. Bregman]	KB	S	2 8 9	11.50
GBT07C-033	Hessels, J. W. T. Ransom, S. Weltevrede, P. Kaspi, V. Stappers, B. Champion, D. Roberts, M.	Universiteit van Amsterdam NRAO - CV McGill University Netherlands Foundation for Research in Astronomy McGill University Eureka Scientific, Inc.	Scott Ransom	Follow-up Studies of Recent GBT Pulsar Discoveries [J. W. T. Hessels]	8	G	[26 28]	[2.00]
GBT07C-049	Pineda, J. Rosolowsky, E. Foster, J. Arce, H.G. Goodman, A. A. Caselli, P. Myers, P. C.	Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Am. Museum of Natural History Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Center for Astrophysics	Jules Harnett	The COMPLETE GBT Ammonia Mapping of Perseus [J. Pineda]	K	S	23 (27)	2.75 (4.00)
GBT07C-056	Darling, J. Zeiger, B. Wiklind, T.	Colorado at Boulder, University of University of Colorado Space Telescope Science Institute	Ron Maddalena	Formaldehyde in the Gravitational Lens PKS 1830-211 [J. Darling]	Q	S	(26 28)	(6.00)
GBT07C-057	Darling, J. Mangum, J. G. Willett, K.	Colorado at Boulder, University of NRAO Charlottesville University of Colorado at Boulder	Frank Ghigo	A Critical Density for OH Megamasers? Formaldehyde Holds the Key [J. Darling]	C	S	23	3.00
GBT07C-060	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Lorimer, D. Ray, P.S. Romani, R. W. Halpern, J. P.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory West Virginia University Naval Research Lab Stanford University Columbia University	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	BG	18 22 25	4.00
GBT07C-066	Hewitt, J. Yusef-Zadeh, F. Heinke, C.	Northwestern University Northwestern University Carleton College	Frank Ghigo	The Origins of Thermal Emission from Interacting Supernova Remnant G359.1-0.5 [J. Hewitt]	CX	S	6 9 20 22	15.25
GBT07C-084	Kasian, L. Stairs, I. Kramer, M. Lorimer, D.	University of British Columbia University of British Columbia Jodrell Bank West Virginia University	Scott Ransom	GBT Timing of a Young Highly Relativistic Binary Pulsar [L. Kasian]	LS	G	12	4.50

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GBT07C-086	Gupta, H. Thaddeus, P. Remijan, A. Gottlieb, C. A. McCarthy, M. Bruenken, S.	Harvard-Smithsonian Center for Astrophysics Center for Astrophysics National Radio Astronomy Observatory Harvard University Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Toney Minter	A Survey of C6H- and C6H in Carbon Chain Sources in the Galaxy [H. Gupta]	XK	S	1 7 12 13 16 23	28.50
GBT08A-011	McLaughlin, M. Lorimer, D. Boyles, J. Cordes, J. M. Lyne, A. G. Kramer, M.	WVU West Virginia University West Virginia University NAIC and Cornell University Manchester, University of Jodrell Bank	Scott Ransom	Continued Radio Timing Observations of RRAT Sources [M. McLaughlin]	38	G	1 3 6	4.00
GBT08A-014	Lockman, F. J. Benjamin, R.A.	NRAO-GB University of Wisconsin-Whitewater	Jay Lockman	On the Trail of Smith's Cloud [F. J. Lockman]	L	S	11 27 [27]	10.00 [2.00]
GBT08A-020	Hessels, J. W. T. Ransom, S. Kaspi, V. Roberts, M. Champion, D. Stappers, B.	Universiteit van Amsterdam NRAO - CV McGill University Eureka Scientific, Inc. McGill University Netherlands Foundation for Research in Astronomy	Scott Ransom	Completing the GBT350 Pulsar and Transient Survey of the North Galactic Plane [J. W. T. Hessels]	8	G	4 19 20 21 [26 28]	13.50 [3.00]
GBT08A-021	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	Jim Braatz	Formaldehyde Densitometry of IR-Bright Galaxies [J. G. Mangum]	U	S	14 [26 28 30]	6.00 [12.25]
GBT08A-027	Lim, J. Yamada, T. Dinh, V.T.	Academia Sinica, IAA RIKEN 2-1 ASIAA	D.J. Pisano	Cool Molecular Gas in Dust-Luminous Ly-alpha Blobs at High Redshifts [J. Lim]	B	S	24	3.75
GBT08A-033	Blanton, M.R. Geha, M. West, A.A. Kazin, E.	New York University Carnegie Observatories California at Berkeley, University of	Jules Harnett	Testing the cold dark matter mass function with dwarf disk galaxies [M.R. Blanton]	L	S	9 11 13 19 [26 28 30]	22.00 [9.00]
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	20	4.50

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GBT08A-039	Balser, D.S. Roshi, A.D. Bania, T. M. Rood, R. T.	NRAO - Green Bank Raman Research Institute Boston University University of Virginia	Dana Balser	Magnetic Fields in Photo-Dissociation Regions [D.S. Balser]	C	S	5 27	7.00
GBT08A-040	Thaddeus, P. Gottlieb, C. A. Bruenken, S. Gupta, H. McCarthy, M.	Center for Astrophysics Harvard University Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Larry Morgan	A Search for the Negative Molecular Ions C4H-, C3N-, and CH2CN- [C. A. Gottlieb]	K	S	8 14 16 17 23 (26 27 28 29 30)	24.50 (26.75)
GBT08A-041	Darling, J. Zeiger, B.	Colorado at Boulder, University of University of Colorado	Ron Maddalena	Formaldehyde Absorption in the Gravitational Lens PKS 1830-211 [J. Darling]	SU	S	30 [26 28]	4.92 [2.00]
GBT08A-043	Darling, J. Willett, K.	Colorado at Boulder, University of University of Colorado at Boulder	Toney Minter	An OH Megamaser Survey at z~1 [J. Darling]	L8	S	1 3 10 26 28 [26 28]	9.25 [13.00]
GBT08A-047	Carilli, C. L. Datta, A. Greenhill, L. J. Minter, A. Briggs, F. H. Maruca, B.	NRAO - Socorro CfA NRAO - Green Bank ANU	Toney Minter	First limits to the IGM during cosmic reionization using the H 2p-2s transition [C. L. Carilli]	L	S	1 3 5 9 15 19 20 25 [26 27 28 29 30]	22.75 [23.00]
GBT08A-054	Araya, E. Hofner, P. Goss, W. M. Linz, H. Kurtz, S. Loinard, L. Olmi, L. Sewilo, M.	New Mexico Tech New Mexico Tech NRAO-SOC TLS Tautenburg/MPIA UNAM Instituto de Astronomia (UNAM, Morelia, Mexico) CNR-Roma University of Wisconsin	D.J. Pisano	Correlated Variability of Astrophysical Masers II: Flares in IRAS18566+0408 [E. Araya]	CUK	S	7 15	4.00
GBT08A-057	Donovan, J. Hibbard, J. E. van Gorkom, J.H.	Columbia University NRAO-CV Columbia University	Jules Harnett	A Continuing Search for Wet Mergers in a Dry Sample [J. Donovan]	L	P	2 4 6 9 10 12	21.00
GBT08A-062	Darling, J. Macdonald, E.	Colorado at Boulder, University of	Jules Harnett	A "Blind" HI Absorption Pilot Survey of the Local Universe [J. Darling]	L	S	26 27	5.50
GBT08A-068	Johnson, R. Wegner, G. Owen, D.	Dartmouth College	Jules Harnett	Detecting merger activity among galactic cluster pairs [R. Johnson]	L	D	5	7.00
GBT08A-069	Margot, J.L. Peale, S. Slade, M.	Cornell University Dept. of Physics, U. of Calif., Santa Barbara JPL	Frank Ghigo	Spin state and interior of Mercury [J.L. Margot]	X	X	12 14	4.00

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GBT08A-072	Courtois, H. Tully, R.B. Fisher, R. Zavodny, M. Bonhomme, N.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Rick Fisher	Bulk motions of filaments in the Local Universe [H. Courtois]	L	S	6 11	3.00
GBT08A-075	Higdon, J. L. Koopmann, R. Higdon, S.J. Haynes, M. P. Giovanelli, R. Kent, B.	Cornell University Union College Cornell Cornell University Cornell University Cornell University	Jules Harnett	Mapping a 500 kpc HI Plume in the Virgo Cluster with the GBT [J. L. Higdon]	L	S	16 17 18 20 21	12.50
GBT08A-077	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	4 18 21 22	7.25
GBT08A-081	Bandura, K. Pen, U-L Peterson, J. Chang, T-C	Toronto, University of Carnegie Mellon University UoT/CITA	Toney Minter	HI Brightness Mapping of DEEP2 Fields [K. Bandura]	8	S	25 29 [27 29]	15.50 [11.75]
GBT08A-082	Yun, M. Borthakur, S. Tripp, T. Bowen, D. V. York, D.	University of Massachusetts University of Massachusetts University of Massachusetts Princeton University University of Chicago	Jules Harnett	Probing Distribution and Physical Characteristics of HI Clouds in Galaxy Halos [M. Yun]	L	S	9 10 11 12 13 27	25.00
GBT08A-083	Goncalves, D. Martin, P.G. Lockman, F. J.	University of Toronto NRAO-GB	Jay Lockman	The North Celestial Pole Loop [D. Goncalves]	L	S	1 4 11	14.75
GBT08A-090	McLaughlin, M. Rea, N. Lyne, A. G. Kramer, M.	WVU Manchester, University of Jodrell Bank		Contemporaneous Radio and X-ray Observations of RRAT J1819-1458 [M. McLaughlin]	S	G	1	8.00
Calibratio	Ghigo			Gain Cal	B	K	7 8	12.00
Maint	NRAO staff			Maintenance	8		2 3 8 17 18 22 29 (29)	59.50 (0.75)
Not Sched	NRAO staff						(30)	(0.08)
Tests	Hunter			HOLO	UH		15 28	9.25
Tests	NRAO staff			RCO U & C	CU	DSP	3 4	3.00

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Tests	Waedon			Servo tests			18	2.00
Total Hrs	Astronomy	634.42	83.00					
	Calibration	12.00						
	Maintenance	60.25						
	Un-assigned	0.08						
	Tests	14.25						

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