

# GBT Observing Schedule for October 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	(1 2 3 4 5 6 7 26 27)	(49.00)
BB257	Boden, A. Boboltz, D.A. Johnston, K. J. Sargent, A. I. Akeson, R.	US Naval Observatory U.S. Naval Observatory Caltech University of California		VLBA Imaging of Two Pre-Main-Sequence T Tauri Binary Systems [D.A. Boboltz]	X	5	7	5.50
GB060	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		Measuring the counter-jet speed in Cygnus A [U. Bach]	Q	5	16 17	15.00
GB067	Bietenholz, M. F. Bartel, N. Rupen, M. P.	York University York University NRAO - SOC		SN 1986J: The Evolution of a Complex Supernova [M. F. Bietenholz]	C	5	25 26	16.00
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]	A	SP	[2]	[3.00]
GBT05A-029	VandenBout, P. A. Solomon, P. Maddalena, R.	NRAO-CV SUNY at Stony Brook NRAO-Green Bank	Ron Maddalena	Search for Cold Molecular Gas at High Redshift [P. A. VandenBout]	B	SD	(4 5 6 11 12)	(19.50)
GBT07A-030	Mason, B.S. Finkbeiner, D. Robshaw, T.	NRAO Green Bank Facility Princeton University (Astrophysics) University of California at Berkeley	Brian Mason	A Search for Polarized, Anomalous Microwave Emission from Lynds 1622 - copy [B.S. Mason]	U	S	(2 4 6 7 9 11 13 21 23)	(52.50)
GBT07A-050	Cyganowski, C. Churchwell, E. B. Watson, C. Indebetouw, R. Whitney, B.	Wisconsin at Madison, University of University of Wisconsin Manchester College University of Virginia Space Science Institute	Toney Minter	Kinematics of Ionized and Molecular Gas Associated with IR Dust Bubbles [C. Cyganowski]	K	S	(15 17)	(7.00)
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]	XUKBQ8LSCA	S	[21 23 29 31] (21 23 28 30)	[18.00] (18.00)

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

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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	(14 16 25 27 29 31)	(40.75)
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	25 26 [29 31]	8.00 [15.00]
GBT07A-101	Dickinson, Clive Casassus, S. Cleary, Kieran Paladini, R. Weintraub, L. Mason, B.S. Lawrence, C. R.	Jet Propulsion Laboratory Chile, Universidad de Jet Propulsion Laboratory California Institute of Technology California Institute of Technology NRAO Green Bank Facility Jet Propulsion Laboratory	Brian Mason	Ka-band CCB high-resolution mapping of spinning dust [Clive Dickinson]	B	K	(28 30)	(16.00)
GBT07C-014	Stassun, K. Bergin, E. A. Alzate, N Ragan, S.	Michigan at Ann Arbor, University of	Frank Ghigo	Angular Momentum and Chemical Evolution of Pre-Stellar Cores in Ophiuchus [E. A. Bergin]	K	S	(1 2 3 8 10)	(24.50)
GBT07C-024	Sakai, N. Sakai, T. Yamamoto, S.	Department of Physics, The University of Tokyo National Astronomical Observatory of Japan Nagoya University	D.J. Pisano	Carbon-Chain Anions in Low-mass Star Forming Region, L1527 [N. Sakai]	QK	S	(18 20 25 27 29 31)	(47.75)
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]	K	S	(15 17 20 21 22 23)	(22.00)
GBT07C-032	Bourke, T. Caselli, P. Friesen, R. Di Francesco, J. Myers, P. C.	Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Victoria, University of National Research Council Canada Center for Astrophysics	Frank Ghigo	What is the gas temperature in the nearest cluster-forming region? [T. Bourke]	K	S	(9 11 13 14 24)	(23.75)
GBT07C-077	Mason, B.S. Sievers, J.	NRAO Green Bank Facility	Brian Mason	Directly Measuring the Thermal Pressure Support of Ghost Bubbles in the ICM [B.S. Mason]	B	K	(5 7 11 12 19)	(17.75)

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	Pfrommer, C.							
GBT08A-004	Curran, S. Darling, J. Whiting, M. Bolatto, A. Webb, J. Bignell, R.C.	University of New South Wales Colorado at Boulder, University of Australia Telescope National Facility University of California at Berkeley University of New South Wales NRAO - GB	Carl Bignell	OH Absorption In the Lensing and Host Galaxies of J0414+0534 [S. Curran]	8	S	[22 24]	[15.50]
GBT08A-006	Bania, T. M. Rood, R. T. Balsler, D.S. Anderson, L.	Boston University University of Virginia NRAO - Green Bank	Dana Balsler	Solving "The 3-Helium Problem" [T. M. Bania]	X	SD	(2 8 10 21 23 24)	(20.50)
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	[29 31]	[3.00]
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	18	4.50
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]	8	S	[20 22]	[2.00]
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]	KCU	S	(20 22)	(6.00)
GBT08A-080	Demorest, P. Stairs, I. Nice, D. Lorimer, D. Briskin, W.F. Kondratiev, V. Lommen, A.	UC Berkeley (Physics) University of British Columbia Bryn Mawr College West Virginia University NRAO - SOC West Virginia University Franklin and Marshall College	Scott Ransom	Simultaneous Multi-telescope Pulsar Timing [P. Demorest]	LS	YO	12	5.50

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GBT08A-092	Greaves, J. Hales, A. Matthews, B.	Herzberg Institute	Brian Mason	Super-sized dust and exo-Earth formation [J. Greaves]	B	K	(8 9 10 11 16 18 19)	(15.50)
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	23 24 25	7.50
GBT08B-008	Morgan, L. Urquhart, J. Figura, C.	National Radio Astronomy Observatory (NRAO) University of Leeds	Jules Harnett	Free-Free Emission from Bright-Rimmed Clouds [L. Morgan]	X	S	(26 27 28 29 30 31)	(21.00)
GBT08B-010	Ruffle, P. Kobayashi, N. Millar, T. Saito, M. Yasui, C.	Queen's University Belfast Center for Astrophysics	Paul Ruffle	Molecular Line Survey of Edge Cloud 2 Southern Core [P. Ruffle]	UC	S	(21 22 23 24)	(19.50)
GBT08B-016	Troscompt, N. Faure, A. Wiesenfeld, L. Maret, S. Ceccarelli, C.	Observatoire de Grenoble Universite Joseph Fourier, Grenoble  Observatoire de Grenoble	Jim Braatz	The H2CO anomalous absorption revisited [N. Troscompt]	C	S	(15 17 23 24)	(9.50)
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	[28 30]	[2.00]
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	YB	[4 6 8 10]	[7.50]
GBT08B-025	Kramer, M. Stairs, I. McLaughlin, M.	Jodrell Bank University of British Columbia WVU	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	GYB	[29 31]	[11.00]

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GBT08B-029	Shannon, R. Cordes, J. M.	NAIC and Cornell University	Toney Minter	Mapping Pulsar Emission Regions Using Interstellar Scintillation [R. Shannon]	3	5	18 [15 17 18 20]	4.00 [12.00]
GBT08B-032	Thaddeus, P. Gottlieb, C. A. Gupta, H. Bruenken, S. McCarthy, M.	Center for Astrophysics Harvard University Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics Harvard-Smithsonian Center for Astrophysics	Ron Maddalena	A Search for the Negative Molecular Ions C5N- and C10H- [C. A. Gottlieb]	U	S	(1 3 8 10)	(23.00)
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]	A	S	[1 2 3]	[7.00]
GBT08B-045	Boyles, J. Ransom, S. Lorimer, D. McLaughlin, M. Kondratiev, V. Stairs, I. McPhee, C. Archibald, A. Kaspi, V. Hessels, J. W. T. Lynch, R. Cordes, J. M. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J. Champion, D.	West Virginia University NRAO - CV West Virginia University WVU West Virginia University University of British Columbia  McGill University Universiteit van Amsterdam Virginia, University of NAIC and Cornell University Eureka Scientific, Inc. University of British Columbia University of British Columbia Cornell University McGill University		Extending phase connection on new drift-scan pulsars [J. Boyles]	8	G	[28 30]	[2.00]
GBT08B-049	Butler, B. Bussey, B.	NRAO-Soc		Observations of the Chandrayaan-1 and Lunar Reconnaissance Orbiter Spacecraft [B. Butler]	S	S	15 16	3.50
GBT08C-008	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 21cm absorption in a complete sample of DLAs at z>2. [N. Gupta]	3	P	[15 16 17 18 20]	[16.00]

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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 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31]	[216.00]
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]	XCS	G	[15 17 28 30]	[8.00]
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	GB	[15 17 20 22 28 30]	[19.00]
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	1 3 5 19 [11 13 26 27]	20.75 [22.00]
GBT08C-050	Stairs, I. van Leeuwen, J.	University of British Columbia University of British Columbia	Scott Ransom	Binary sdB Stars with Massive Companions: A Search for Pulsars [I. Stairs]	3	G	[15 17 18 19 20]	[6.75]
GBT08C-052	Shepherd, D. Churchwell, E. B. Maddalena, R. Johnston, K. Cyganowski, C. Povich, M.	NRAO-Socorro University of Wisconsin NRAO-Green Bank  Wisconsin at Madison, University of	Ron Maddalena	The Ionized Gas Content in the Galactic Bubble N49 [D. Shepherd]	X	D	(1 3)	(4.00)
GBT08C-059	Barriault, L. Joncas, G. Martin, P.G. Lockman, F. J.	Universite Laval University of Toronto NRAO-GB	Jay Lockman	GBT OH Observations at high galactic latitudes [L. Barriault]	L	S	[1 3 4 5 6 7 9 13 14 21 23 24 25 26 27 28 30]	[110.00]
GBT08C-066	Kanekar, N. Meier, D.S.	NRAO-AOC National Radio Astronomy Observatory	Jim Braatz	Molecular oxygen at intermediate redshifts [N. Kanekar]	B	S	(5 12 13 14 15 24)	(14.00)
GBT08C-068	Kanekar, N.	NRAO-AOC	D.J. Pisano	Probing changes in fundamental constants from $z \sim 0.88582$ [N. Kanekar]	Q	S	(11 13)	(3.00)
GBT08C-086	Kasian, L. Stairs, I. Kramer, M.	University of British Columbia University of British Columbia Jodrell Bank	Scott Ransom	Continued GBT timing of a highly relativistic binary pulsar [L. Kasian]	LS	GY	[8 10]	[4.00]

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	Lorimer, D. Ransom, S. Freire, P.	West Virginia University NRAO - CV Arecibo Observatory						
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	D.J. Pisano	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	CX	SD	(2 8 10 15 17 20 22 29 31)	(22.50)
GLST011221	McSwain, M.V. Ray, P.S. Ransom, S. Roberts, M. Dougherty, S. M. Grundstrom, E.	Yale University Naval Research Lab NRAO - CV Eureka Scientific, Inc. DRAO Georgia State University	Scott Ransom	A Multi-wavelength Study of the Gamma-ray Binary LS 5039 [M.V. McSwain]	CS	G	[20 22]	[4.00]
GP047	Pihlstrom, Y. Taylor, G.B. Granot, J. Doeleman, S.S.	UNM Univ. of New Mexico KIPAC/Stanford Haystack Observatory		GRB030329 at 5 years: structure and rebrightening [Y. Pihlstrom]	C	5	21	8.00
GW019	Wucknitz, O. Volino, F. Porcas, R. McKean, J.P. Impellizzeri, C.M.V. Brunthaler, A. Castangia, P. Garrett, M.A. Henkel, C. Munoz, J. Ros, E. Roy, A. L.	University of Hamburg  MPIfR UC Davis MPIfR MPIfR Cagliari JIVE Max-Planck-Institut fur Radioa CfA MPIfR MPIfR		Revealing the secrets of the gravitational lens MG J0414+0534 [O. Wucknitz]	X	5	18 19	11.50
Maint	NRAO staff			Install PF1	3		13	6.00
Maint	NRAO staff			Install Cband	C		14	5.00
Maint	NRAO staff			Maintenance			9 22 [2 8 10 15 17]	17.00 [42.50]
Maint	NRAO staff			Maintenance [Inst 800]	8		20	8.50
Maint	NRAO staff			Maintenance [Install Holo, Z]	H	Z	28 30	17.00
Not Sched	NRAO staff						(2 4 6 7 11 12 13 14 15 17 18 19 24)	(22.75)

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Tests	Hunter			HALFP	U		(7 9)	(7.00)
Tests	Langston			KFPA Tests	F	DSP	(4 5 6 12)	(30.50)
Tests	Hunter			OOF Daytime	BQ	DSP	(15 17)	(12.00)
Tests	Hunter			OOF daytime	QB	DSP	(1 3)	(6.00)
Tests	NRAO staff			RCO	C3	DSP	14	2.50
Tests	NRAO staff			RCO*8	8	DSP	[20 22]	[3.00]
Tests	NRAO staff			Serco tests			[8 10]	[8.00]
Tests	Harnett			TCAL			(2)	(3.00)
Total Hrs	Astronomy	606.75	503.75					
	Maintenance	53.50	42.50					
	Un-assigned	22.75						
	Tests	61.00	11.00					

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