

GBT Observing Schedule for November 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 3 5 7 8 9 10 14 15 16 17 18 20 21 22 23 24 29)	(127.50)
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	Jim Braatz	The Megamaser Cosmology Project [L. J. Greenhill]	K	V	(18 19 20 21)	(25.00)
BM290	Miller-Jones, J. Rupen, M. P. Mioduszewski, A. Dhawan, V. Gallo, E. Jonker, P.G. Briskin, W.F.	Oxford NRAO - SOC NRAO - SOC NRAO-SOC UC Santa Barbara CfA NRAO - SOC		A direct geometric distance to a quiescent black hole X-ray binary [J. Miller-Jones]	X	5	17	5.50
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	(12 14)	(3.00)
GBT05A-040	Baker, A.C. Harris, A. Genzel, R.	University of Maryland University of Maryland University of California, Berkeley	Dana Balser	CO(1-0) Observations of Four Submillimeter Galaxies [A.C. Baker]	B	S	(8 10 15 17)	(8.50)
GBT05C-024	Frayer, D.T. Yan, L. Armus, L. Helou, G. Lutz, D. Sajina, A. Teplitz, H.	Caltech IPAC/SSC SSC/IPAC IPAC, Caltech Max-Planck-Institut fur extraterrestrische Physik University of British Columbia IPAC/SSC	Dana Balser	CO(1-0) Observations of Spitzer z~2 ULIRGs Showing Strong PAH Emission [D.T. Frayer]	B	S	(16 18 20 22 23 24 25 28 29 30)	(35.75)
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	(3 5)	(6.00)
GBT05C-035	Baker, A.C. Lutz, D. Harris, A. Tacconi, L. J. Valiante, E.	University of Maryland Max-Planck-Institut fur extraterrestrische Physik University of Maryland MPE MPE Garching	Dana Balser	Very Good CO Detections of Submillimeter Galaxies With Pretty Good Redshifts [A.C. Baker]	B	S	(2 8 10 18 20)	(20.00)
GBT06C-033	Harris, A. Baker, A.C. Jewell, P. R. Zonak, S.	University of Maryland University of Maryland NRAO-CV University of Maryland	Karen O'Neil	A CO(1-0) Survey of Dusty Galaxies with Elusive Redshifts [A. Harris]	B	Z	(19 25 28 29 30)	(15.00)

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

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

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O=user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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GBT06C-048	Kanekar, N. Ellison, S.E. Prochaska, J. York, B	NRAO-AOC University of Victoria University of California University of Victoria	Toney Minter	HI 21cm absorption in strong MgII and CI absorbers in the redshift desert [N. Kanekar]	6	P	[1 3]	[4.00]
GBT07A-001	Bolatto, A. Darling, J.	University of California at Berkeley Colorado at Boulder, University of	Frank Ghigo	A Search for HI Absorbers in a Sample of Gravitationally Lensed Systems [A. Bolatto]	6	S	[5 7]	[6.00]
GBT07A-034	Braatz, J. A. Condon, J. J. Greenhill, L. J. Henkel, C. Reid, M. J. Lo, F.K. Y. Hao, L.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa Center for Astrophysics NRAO-CV Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: A Survey for H2O Masers in SDSS and 2MRS AGNs [J. A. Braatz]	K	S	(2 8 19 21)	(18.50)
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	(11 13)	(9.50)
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	Ron Maddalena	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	CXUKBQ8LS	S	[23] (1 2 3 8 9 10)	[6.00] (32.00)
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	(25 26 28 29 30)	(45.50)
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	[22 24 26 28]	[30.00]
GBT07C-030	Bregman, J. N. Irwin, M.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	(8 10)	(4.00)

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	Ji, J.							
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	(4 5 6 7 12 14 15 16)	(37.75)
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]	B	K	(5 6 7 9 10 11 12 14 15 16)	(29.25)
GBT07C-079	Crapsi, A. Tafalla, M.	Leiden Observatory Observatorio Astronomica Nacional, Spain	Toney Minter	Testing the thermodynamics of dense starless cores [A. Crapsi]	K	S	(12 14 22 24)	(23.00)
GBT08A-003	Curran, S. Darling, J. Tzanavaris, P. Bignell, R.C. Webb, J.	University of New South Wales Colorado at Boulder, University of National Observatory of Athens (Institute of Astronomy and Astrophysic NRAO - GB University of New South Wales	Carl Bignell	The Metallicity-21-cm Line Strength Relation in Damped Ly-alpha Absorbers [S. Curran]	6	S	[5 7 8 10]	[16.00]
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	(16 22 23 24)	(19.50)
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]	68	S	[8 10 17 18 19 20 21]	[7.00]
GBT08A-073	Kanekar, N. Marthi, V.	NRAO-AOC	Jules Harnett	A deep search for associated HI 21cm absorption in red quasars [N. Kanekar]	6	S	[1 3]	[5.00]
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	10 11 12 13	10.50
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	[15 16]	[2.00]
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	[9 10]	[2.50]
GBT08B-023	Ferdman, R. Stairs, I.	University of British Columbia University of British Columbia	Scott Ransom	Timing Binary Pulsars from the Parkes Multibeam Survey [R. Ferdman]	L	YB	[1 3 9 10 29]	[10.50]

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	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.	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						
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	[15 16 17 18 19 20 21 22 23 24]	[68.50]
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	[1 3 15 16]	[6.00]
GBT08C-007	Anderson, L. Bania, T. M. Balsler, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	How many HII Regions are in the Milky Way? [L. Anderson]	X	S	(4 5 6)	(12.00)

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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 21 cm absorption in a complete sample of DLAs at z>2. [N. Gupta]	4	P	[29]	[2.50]
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/Instit. d'Astrophys. Spatiale Inst. d'Astrophysique de Paris	Frank Ghigo	A Combined GBT/PdBI CO Survey of Submm Galaxies [I. Smail]	B	Z	(22 24 29 30)	(7.50)
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	[1 2 3 4 6 9 11 12 13 14 16 17 22 24 25 26 30]	[117.50]
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	[9 10 26 28]	[3.00]
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 [19 21]	4.00 [2.00]
GBT08C-039	Pisano, D.J. Maddalena, R.	NRAO-GB NRAO-Green Bank	D.J. Pisano	Searching for diffuse gas around isolated galaxies [D.J. Pisano]	L	S	[30]	[3.50]
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	30	6.00

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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	[8 9 11 12 13 14 15 16 23]	[46.75]
GBT08C-065	Wolfe, A. M. Jorgenson, R. Robshaw, 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	[29 30]	[14.00]
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	(15 16 17 23)	(19.00)
GBT08C-076	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO - CV Arecibo Observatory University of British Columbia Universiteit van Amsterdam Virginia, University of	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	G	[2 8 12 14]	[34.00]
GBT08C-079	Bandura, K. Peterson, J. Pen, U-L Chang, T-C	Carnegie Mellon University Toronto, University of UoT/CITA	Toney Minter	HI Brightness Mapping of DEEP2 Fields at $z > 1.1$ [K. Bandura]	6	S	[4 5 6 7 8 9 10]	[20.00]
GBT08C-086	Kasian, L. Stairs, I. Kramer, M. Lorimer, D. Ransom, S. Freire, P.	University of British Columbia University of British Columbia Jodrell Bank West Virginia University NRAO - CV Arecibo Observatory	Scott Ransom	Continued GBT timing of a highly relativistic binary pulsar [L. Kasian]	LS	GY	[11 13]	[4.00]
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	D.J. Pisano	Probing the High Energy Emission of Microquasars with Multi-wavelength observations [J.A. Tomsick]	CX	SD	(5 7 12 14 19 21 26 28)	(20.00)
Shutdown	NRAO staff			Thanksgiving			26 27 28	36.00
Calibratio	Ghigo			Gain Cal	UKQB	DSP	(18 20)	(16.00)
Maint	NRAO staff			Install 600	6		(4)	(4.00)
Maint	NRAO staff			Install Ku / 800 MHz	U8	DSP	(13)	(6.50)

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Maint	NRAO staff			Maintenance [Install 450 MHz]	4		25	8.50
Maint	NRAO staff			Maintenance			[4 5 6 7 11 13 18 19 20 21]	[85.00]
Maint	NRAO staff			SD			26	1.50
Maint	NRAO staff			SU			28	1.00
Not Sched	NRAO staff						(6 9 10 11 12 14 17 19 23 29)	(12.25)
Tests	NRAO staff			Holo Trad	H		(4 5 6 7)	(8.00)
Tests	NRAO staff			Holography	H		(1 2 3 4 6 9 11 13)	(63.50)
Tests	NRAO staff			M& Reg	L	DSP	17	6.00
Tests	Shelton			M&C Integ			13 [9 10]	4.00 [8.50]
Tests	Shelton			M&C Reg			[14 15 16 17]	[11.50]
Tests	NRAO staff			RCO Ku	U	DSP	13	1.50
Tests	NRAO staff			RCO*4	4	DSP	[26 28]	[2.50]
Tests	NRAO staff			RCO*6	6	DSP	[4 6]	[3.00]
Tests	NRAO staff			RCO*8	8U	DSP	15	2.00
Tests	NRAO staff			Servo tests	X		[5 7 9]	[13.25]
Tests	NRAO staff			Zpec	B	Z	(1 3)	(5.00)
Total Hrs	Shutdown	36.00						
	Astronomy	544.25	410.75					
	Calibration	16.00						
	Maintenance	21.50	85.00					
	Un-assigned	12.25						
	Tests	90.00	38.7					

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