GBT Observing Schedule for November 2007

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	8 (17 19 24 26)	8.50 (34.00)
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	13 14	12.50
GB062	Bietenholz, M. F. Rupen, M. P. Beasley, A.J. Graham, D.A. Venturi, T. Umana, G. Cannon, W. Conway, J. E.	York University NRAO - SOC Caltech Owens Valley Radio Obs MPIfR Instituto di Radioastronomia Istituto di Radioastronomia, C York University Onsala Space Observatory		SN1993J:structural and spectral evolution at 6 and 18 cm [M. F. Bietenholz]	C	5	3 4	23.50
GBT04B-014	Kondratko, P.T. Greenhill, L. J. Moran, J. M. Braatz, J. A.	Harvard University CfA CfA NRAO - CV	Jim Braatz	Anchoring the Extragalactic Distance Scale [P.T. Kondratko]	K	S	5 8	10.75
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	SZ	2 3 (17 19 28 30)	5.50 (25.50)
GBT05C-028	Hollis, J. M. Jewell, P. R. Remijan, A. Lovas, F. J.	NASA/GSFC NRAO-CV National Radio Astronomy Observatory Nat'l Instit. of Standards and Technology	Phil Jewell	Investigating the Chemical Nature of Spiral Arm Clouds and Confirming H2O2... [J. M. Hollis]	B	S	7 (27 28 29 30)	3.00 (18.00)
GBT05C-035	Baker, A.C. Lutz, D. Harris, A. Tacconi, L. J. Valiante, Elisabetta	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	SZ	3 4 8 (9 17 18 19 20 21 24 25 26 27 29)	17.00 (50.50)
GBT06A-015	Bottinelli, S. Ceccarelli, C. Hollis, J. M. Remijan, A. Williams, J. P.	Observatoire de Grenoble NASA/GSFC National Radio Astronomy Observatory Institute for Astronomy	Dana Balser	The hot corinos of solar-type protostars [S. Bottinelli]	B	S	7 8 (10 11 12 13 14 15 16 23)	6.00 (46.75)
GBT06A-049	Readhead, A. C. S. Weintraub, L.	Caltech California Institute of Technology	Brian Mason	Definitive Detection of Excess Arcminute Scale CMB Anisotropies [L. Weintraub]	B	K	9 (13 16)	3.00 (5.00)

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	Mason, B.S. Pearson, T. J. Shepherd, M. C.	NRAO Green Bank Facility Caltech Caltech						
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	(18 20 24 26 28 30)	(26.00)
GBT06C-045	Champion, D. Kaspi, V. Hessels, J. W. T. Woods, P. Thompson, C.	McGill University McGill University Universiteit van Amsterdam Space Science Research Center Canadian Institute for Theoretical Astrophysics	Scott Ransom	A Search for Radio Emission from Magnetars after Outburst [D. Champion]	S	G	21	1.50
GBT07A-024	Han, J. van Straten, W. Jacoby, B.A.	Chinese Academy of Sciences Brownsville, University of Texas at Naval Research Lab	Scott Ransom	Probing the magnetic fields in and beside the Sagittarius arm [J. Han]	8	R	18 20 [17 19 24 26]	15.50 [36.00]
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	2 4 5 7 [9 10 12]	14.50 [15.50]
GBT07A-040	Weintraub, L. Mason, B.S. Readhead, A. C. S. Pearson, T. J.	California Institute of Technology NRAO Green Bank Facility Caltech Caltech	Brian Mason	Detecting the Origin of Arcminute Scale CMB Anisotropy [L. Weintraub]	B	K	(9 10 11 23)	(12.00)
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	Larry Morgan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [J. M. Hollis]	8LSCXUKBQ	S	7 9 10 23 [25]	11.25 [1.50]
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	(27 28 29 30)	(40.00)
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M.	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Princeton University Franklin and Marshall College NRAO - CV Swinburne University of	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	8L	YR	25 (24 26)	7.25 (15.50)

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	Cognard, I	Technology CNRS-Orleans						
GBT07A-089	Camilo, F. Ransom, S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV West Virginia University	Scott Ransom	PSR J1833-1034, the Very Young Pulsar in the SNR G21.5-0.9 [F. Camilo]	8	B	23	1.00
GBT07A-102	Greenhill, L. J. Tan, J. Humphreys, E.M.L. Chandler, C. Matthews, L.D. Goddi, C. Reid, M. J.	CfA Florida, University of Harvard-Smithsonian Center for Astrophysics NRAO-Socorro CfA Istituto Nazionale di Astrofisica Center for Astrophysics	Toney Minter	Searching For A Predicted Very High Velocity Outflow From A Massive YSO [L. J. Greenhill]	Q	S	9	4.00
GBT07B-020	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	[10 12]	[2.50]
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]	8	YBG	21 25 [18 20 24 26]	19.25 [29.50]
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) Princeton University 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 9	3.50

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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	5 6 9 11 [10 12 13 16 24 26]	22.50 [34.00]
GBT07C-020	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	4 7 15 21 [24 26]	3.50 [2.00]
GBT07C-029	Kepley, A. Wilcots, E. Robishaw, T. Heiles, C. E. Zweibel, E.	University of Wisconsin at Madison (Astronomy) University of Wisconsin University of California at Berkeley University of California University of Wisconsin at Madison (Astronomy)	Toney Minter	Magnetic Fields in Irregular Galaxies [A. Kepley]	C	S	7 (10 12)	4.00 (11.00)
GBT07C-044	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]	8	G	4 5	3.00
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]	LC	S	6 11 14 15 21 [14 15 24 25 26 27 28 29 30]	11.50 [35.00]
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]	S	BG	2 11 23 [10 12 17 19]	4.50 [6.00]
GBT07C-062	Ransom, S. Stairs, I. Freire, P. Hessels, J. W. T. Begin, S.	NRAO - CV University of British Columbia Arecibo Observatory Universiteit van Amsterdam University of British Columbia	Scott Ransom	Terrestrial-mass planets around pulsar NGC6440C? [S. Ransom]	S	G	1 4 6 10 12 15	14.00
GBT07C-067	Courtois, H. Tully, R.B. Fisher, R. Zavodny, M.	Institute for Astronomy Institute for Astronomy NRAO Green Bank Facility	Rick Fisher	Bulk Motions of Filaments in the Local Universe [H. Courtois]	L	S	14 [13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30]	8.50 [95.50]

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GBT07C-072	Agueros, M. Kilic, M. Camilo, F. Lee, D.M. Silvestri, N. Anderson, S. B. Kleinmann, S. G. Liebert, J.	Columbia Astrophysics Laboratory Oxford University of Washington University of Washington Subaru Telescope, NAOJ University of Arizona	Scott Ransom	Detecting Pulsar Companions to Very Low-Mass White Dwarfs [M. Agueros]	8	G	[27 28 29 30]	[16.00]
GBT07C-074	Darling, J. Bolatto, A. Curran, S.	Colorado at Boulder, University of University of California at Berkeley University of New South Wales	Ron Maddalena	Molecular Absorption in the Gravitational Lens and HI Absorber J0414+0514 [J. Darling]	S	S	7	6.00
GBT07C-080	Kondratiev, V. Lorimer, D. McLaughlin, M. Ransom, S.	West Virginia University West Virginia University WVU NRAO - CV	Scott Ransom	A Pulsar Census of the Local Group [V. Kondratiev]	8	G	[11 18]	[8.50]
GBT07C-082	Aguirre, J. Spekkens, K.M.M. Mason, B.S.	Cornell University NRAO Green Bank Facility	Brian Mason	Searching for Dark Matter Annihilations in Draco [J. Aguirre]	L	S	1	13.50
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
GBT07C-089	Kaspi, V. Archibald, A. Gavriil, F.	McGill University McGill University		A Magnetar in Disguise [V. Kaspi]	LS	G	2	4.50
GP044	Paragi, Z. Kouveliotou, C. Garrett, M.A. Ramirez-Ruiz, E. van Langevelde, H.J. Szomoru, A. Argo, M.K.	FOMI Satellite Geodetic Observ MSFC/NASA JIVE IAS, Princeton Joint Institute for VLBI in Eu Joint Institute for VLBI in Eu Manchester		A Misaligned Relativistic Jet in SN 2007gr? [Z. Paragi]	C	5	5 6	7.50
Comm	Balser			C band Comm & BL	CX	DSP	8 (10 12)	4.00 (8.00)
Comm	Hunter			OOF	BQ	DSP	(27 29)	(16.00)
Shutdown	NRAO staff			Thanksgiving Shutdown			21 22 23	36.00
Maint	NRAO staff			Maintenance			1 2 6 13 16 20 [27 28 29 30]	51.00 [33.92]
Maint	NRAO staff			SD			21	1.00

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Maint	NRAO staff			SU			23	2.00
Not Sched	NRAO staff						(12 15 16 23 25)	(8.50)
Tests	Rood			7C43 tests	X	DSP	14	1.00
Tests	Shelton			M&C Install			14	4.00
Tests	Shelton			M&C Integ			9 [9]	8.00 [2.50]
Tests	Shelton			M&C Reg			11	6.75
Tests	Hunter			Ptg	X	DSP	(10 12)	(8.00)
Tests	Hunter Ford			Servo Tests			6	3.00
Tests	Ford			Servo tests			[28 30]	[8.00]
Tests	NRAO staff			Un-assigned Tests			(14 15)	(8.50)
Total Hrs	Shutdown Astronomy Commissioning Maintenance Un-assigned Tests	36.00 559.25 28.00 54.00 8.50 39.25	 282.00 33.92 10.5					

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