

GBT Observing Schedule for February 2011

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	Frank Ghigo	RIPL: Radio Interferometric PLANet Search [G. C. Bower]	X	5	1 7 8 23	25.50
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 MPIfR NRAO-CV Center for Astrophysics UVA NYU CfA Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	5	12	12.50
BM321	Melis, C. Reid, M. J. Stauffer, J. Mioduszewski, A. Bower, G. C.	Calif.-SD Center for Astrophysics Caltech NRAO - SOC UC Berkeley	Frank Ghigo	Towards a VLBA Resolution of the Pleiades Distance Controversy [C. Melis]	X	5	13	10.50
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	Tony Remijan	A GBT Legacy Survey of Prebiotic Molecules Toward SgrB2(N-LMH) and TMC-1 [A. Remijan]	B	S	4 11	9.75
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.	U Durham University of California, Berkeley ROE U Maryland Caltech Astronomy MPE U Bonn Caltech (Physics, Maths and Astronomy) IRAM U of Cambridge U Maryland Rutgers 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	6 9 10 13 16 17	15.75
GBT08C-078	Cotton, B.W. D. Mason, B.S. Dicker, S. Korngut, P. Devlin, M.J.	NRAO-CV NRAO-GB UPenn UPenn UPenn	Brian Mason	MUSTANG Observations of Cygnus A [B.S. Mason]	M		4	2.00

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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.	U Durham U Durham Durham, University of U Durham Caltech Rutgers U Maryland Caltech Observatoire de Toulouse University of Hawaii	Karen O'Neil	Probing the Gas Properties of Star-Forming Galaxies at High-z via Strong Lensing [M. Swinbank]		Z	6 17 26 27	17.00
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	NRAO-CV Bryn Mawr College UBC NRAO-CV Obs. de Paris Franklin and Marshall College UC Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	23 24 25	17.00
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Roberts, M. Lynch, R. van Leeuwen, J. van Leeuwen, J. Kondratiev, V. Boyles, J. Hessels, J. W. T. Archibald, A. Jenet, F.	NRAO-CV WVU WVU UBC McGill Eureka Scientific UVA UC Berkeley UC Berkeley NFRA WVU U Amsterdam McGill	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	1	4.50
GBT09C-059	Kornigut, P. Mason, B.S. Dicker, S. Devlin, M.J. Cotton, B.W. D. Sun, M. Mroczkowski, A.	UPenn NRAO-GB UPenn UPenn NRAO-CV UVA UPenn	Brian Mason	High Resolution MUSTANG Imaging of the SZE in X ray Luminous Galaxy Clusters [P. Kornigut]	M		4 11	4.25
GBT09C-070	Harris, A. Baker, A.C. Sharon, C.	U Maryland Rutgers	Ron Maddalena	A CO(1-0) Survey of Dusty Galaxies at High Redshift [A. Harris]		Z	6 11 16	11.50
GBT10A-025	Greaves, J.	St Andrews	Ron Maddalena	Large dust and the earliest stages of planet growth [J. Greaves]	B	K	6	3.50

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GBT10A-056	Mroczkowski, A. Kornigut, P. Mason, B.S. Dicker, S. Devlin, M.J. Cotton, B.W. D. Sun, M. Reese, E.	UPenn UPenn NRAO-GB UPenn UPenn NRAO-CV UVA UPenn	Brian Mason	Detailed cluster physics from the resolved SZ effect imaged with Mustang [A. Mroczkowski]	M		4	0.75
GBT10A-083	Rosen, R. Heatherly, S.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [R. Rosen]	8	U	14 19 25	24.00
GBT10B-033	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. Perera, B.	Jodrell Bank UBC WVU Obs. de Paris Columbia Manchester U ATNF Instituto di Astrofisica Instituto di Astrofisica Instituto di Astrofisica NAIC UWV	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	Y	14 15	5.50
GBT10B-036	Masui, K. Suarez, E. Peterson, J. Pen, U-L Chang, T-C Bandura, K. Fisher, J.	U Toronto Carnegie Mellon Carnegie Mellon U Toronto UT/CITA Carnegie Mellon NRAO	Jules Harnett	Study of Velocity Distortions Using 21cm Intensity Mapping [E. Suarez]	8	S	23 27 28	10.00
GBT10B-038	Stairs, I. Thorsett, S. Arzoumanian, Z. Sigurdsson, S.	UBC UC Santa Cruz USRA Penn State	Scott Ransom	The Pulsar Triple System in M4 [I. Stairs]	L	UY	5	0.75
GBT10B-045	Hernandez, V. Sanchez-Monge, A. Kurtz, S.	UNAM Barcelona UNAM	Ron Maddalena	New Chemical Tracers of Hot Molecular Cores [V. Hernandez]	B	S	4	1.00
GBT10C-011	Nikolic, B.N. Bolton, R.	Mullard Radio Astronomy Observatory	Daniel Perera	Star-forming galaxies at 90 GHz [B.N. Nikolic]	M		3 4	2.75
GBT10C-015	Urquhart, J. Morgan, L. Hoare, M.G. Figura, C.	University of Leeds St Mary's University University of Leeds	Daniel Perera	The RMS survey: probing the environments of young massive stars [J. Urquhart]	K	S	6	3.25

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GBT10C-019	Braatz, J. A. Condon, J. J. Henkel, C. Lo, F.K. Y. Reid, M. J. Kuo, C-Y. Impellizzeri, C.M.V. Humphreys, E.M.L. Huchra, J.	NRAO - CV NRAO-CV MPIfR NRAO-CV Center for Astrophysics UVA NRAO Harvard-Smithsonian Center for Astrophysics Center for Astrophysics	Jim Braatz	The Megamaser Cosmology Project. IV [J. A. Braatz]	K	S	7 10 23	18.75
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	M	2	2.50
GBT10C-043	Ries, P. Hunter, T. Mason, B.S.	UVA NRAO-CV NRAO-GB	Brian Mason	Observations of Iapetus's Thermal Light Curve [P. Ries]	M		16	2.00
GBT10C-049	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO-CV NAIC UBC U Amsterdam UVA	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	L	U	22	8.25
GBT10C-057	DeCesar, M. Ransom, S. Ray, P.S.	U Maryland NRAO-CV NRL	Scott Ransom	A Search for Millisecond Pulsars in Gamma-ray-Detected Globular Clusters [M. DeCesar]	LS	U	5	2.50
GBT10C-061	Cordiner, M. Charnley, S.B. Millar, T. Buckle, J. Milam, S.	NASA GSFC Queen's U Belfast Cavendish	Jules Harnett	Continuing the targeted search for hydrocarbon anions [M. Cordiner]	B	S	6	0.25
GBT10C-063	Finn, S. Jackson, J. M. Foster, J.	BU BU BU	Glen Langston	Mapping Ammonia in Five Filamentary Infrared Dark Clouds with the KFPFA [S. Finn]	F	S	26	3.00
GBT10C-067	Lynch, R. Ransom, S. Freire, P.	UVA NRAO-CV NAIC		Measuring Shapiro Delay in a Globular Cluster Millisecond Pulsar [R. Lynch]	L	U	15 16 17	13.50
GBT10C-068	Bilous, A. Safigan, A. Ransom, S.	NRAO-CV		Exploring radio eclipses of newly-discovered Fermi MSP J2047+1055 [A Bilous]	L	U	3	4.00
GBT11A-005	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville U Colorado MPIfR MPIfR	Anish Roshi	Kinetic Temperature in Starburst Galaxies [J. G. Mangum]	K	S	15	5.00
GBT11A-009	Mroczkowski, A. Mason, B.S.	UPenn NRAO-GB	Brian Mason	MUSTANG Imaging of the CLASH Cluster Sample [A. Mroczkowski]	M		7 10 11 15 16 25 26	20.00

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	Aguirre, J. Broadhurst, T. Devlin, M.J. Dicker, S. Koch, P. Kornigut, P. Reese, E. Reichart, A. Romero, C. Rosenman, M. Sarazin, C. L. Sayers, J. Sievers, J. Sun, M. Umetsu, K. Young, A. Zitrin, A.	U Penn University of California, Berk UPenn UPenn UPenn UPenn University of Virginia UVA						
GBT11A-016	Lockman, F. J. Bland-Hawthorn, J. Nichols, M.	NRAO-GB Anglo Australian Observatory	Jay Lockman	The Smith Cloud: Ablation and Entrainment [F. J. Lockman]	L	S	1 5 7 13 14 20 21 25 28	40.00
GBT11A-018	Tarchi, A. Castangia, P. Panessa, F. Braatz, J. A. Columbano, A.	INAF INAF NRAO - CV	Jim Braatz	NLSy1 galaxies vs. H2O masers: a prolific sample for new detections [A. Tarchi]	K	S	6 8 9 10 11 12	26.50
GBT11A-023	McLaughlin, M. Boyles, J. Miller, J. Keane, E. Lyne, A. G. Kramer, M. Lorimer, D.	WVU WVU WVU Manchester U Manchester U Jodrell Bank WVU	Scott Ransom	Continued Timing of Three Rotating Radio Transients [M. McLaughlin]	8	U	20 21 25	9.00
GBT11A-027	Frayer, D.T. Harris, A. Baker, A.C. Smail, I. Ivison, R. J. Swinbank, M. Maddalena, R. Negrello, M. Eales, S. Dannerbauer, H. Leeuw, L.L. Cooray, A. Temi, P. Perez-Fourmon, I. Dunne, L.	NRAO-GB U Maryland Rutgers U Durham ROE U Durham NRAO-Green Bank Cardiff University Cardiff University Joint Astronomy Centre University of Chicago Instituto de Astrofisica de Ca Cardiff University	Dave Frayer	CO(1-0) Observations of the Brightest Herschel-ATLAS Sub-mm Galaxies [D.T. Frayer]	B	Z	20	6.00

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	Clements, D. DeZotti, G. Birkinshaw, M. van der Werf, P. Dunlop, J.S. Rigopoulou, D. Pearson, C. Omont, A. Bock, J. Edge, A. Wardlow, J. Kim, S. Ibar, E. Michalowski, M.	INAF-Padova U Bristol Leiden Observatory Institute for Astronomy, University of Edinburgh MPE Inst. d'Astrophysique de Paris U Durham IfA Dark Cosmology						
GBT11A-030	Boyles, J. Lorimer, D. McLaughlin, M. Ransom, S. Lynch, R. Stairs, I. Kaspi, V. Archibald, A. van Leeuwen, J. Hessels, J. W. T. Kondratiev, V.	WVU WVU WVU NRAO-CV UVA UBC McGill McGill UC Berkeley U Amsterdam NFRA	Scott Ransom	shapiro delay and long-term timing of PSR J2222-0137 [J. Boyles]	3468ALS	U	8	0.75
GBT11A-031	Shirley, Y.L. Schlingman, W. Bally, J. Stringfellow, G. S.	U Arizona U Colorado University of Colorado	Toney Minter	Studying the Evolution of High-mass Clumps in G111.8+0.6 with NH3 and Maser Maps [Y.L. Shirley]	F	S	26	4.00
GBT11A-037	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K. Mihos, C.	NRAO-GB	Glen Langston	A Deep HI Study of the M101 Group [K. Chynoweth]	L	S	2 3 5 8 18 20	25.75
GBT11A-043	Bania, T. M. Rood, R. T. Balser, D.S.	Boston University University of Virginia NRAO - Green Bank	Dana Balser	Solving "The 3-Helium Problem" [T. M. Bania]	X	SD	4 23 25 26	15.75
GBT11A-051	Boyles, J. McLaughlin, M. Lorimer, D. Ransom, S. Lynch, R. Stairs, I. Kaspi, V. Archibald, A.	WVU WVU WVU NRAO-CV UVA UBC McGill McGill	Scott Ransom	Long-term monitoring of PSR J1328-07 [J. Boyles]	8	U	21	3.25

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	van Leeuwen, J. Hessels, J. W. T. Kondratiev, V.	UC Berkeley U Amsterdam NFRA						
GBT11A-055	Pisano, D.J. de Blok, E. Walter, F. Leroy, A. Brinks, E. Bigiel, F. Chynoweth, K.	WVU University of Cardiff MPIfA Calif.-Berkeley INAOE	Frank Ghigo	A GBT HI Survey of THINGS Galaxies [D.J. Pisano]	L	S	1 2 3 4 5 7 8 9 13 14 17 18 19 20 21 22 24 25 27 28	117.50
GBT11A-059	Pennucci, T. Ransom, S. Demorest, P. Bailes, M. van Straten, W.	UVA NRAO-CV NRAO-CV Swinburne University of Technology Brownsville, University of Texas at	Scott Ransom	Shapiro Delay Measurements of Two Binary Pulsars [T. Pennucci]	L	U	16 26	6.00
GBT11A-060	Greenhill, L. J. Seth, A. Zaw, I.	CfA Washington NYU	Anish Roshi	AGN in Bulge-less Galaxies [L. J. Greenhill]	K	S	9 15 19	6.75
GBT11A-062	Rabidoux, K. Pisano, D.J. Kepley, A.	WVU UVA	Brian Mason	Probing star formation in local Luminous Compact Blue Galaxies [K. Rabidoux]	B	K	4	1.25
GBT11A-063	Ransom, S. McLaughlin, M. Camilo, F. Ray, P.S. Roberts, M. Hessels, J. W. T.	NRAO-CV WVU Columbia NRL Eureka Scientific U Amsterdam	Scott Ransom	Timing More New Fermi Millisecond Pulsars [M. Roberts]	8	U	21 22	6.00
GLST031123	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Ray, P.S. Kerr, M. Hessels, J. W. T.	Columbia NRAO-CV Eureka Scientific WVU NRL U Washington U Amsterdam	Scott Ransom	RADIO TIMING OF KEY FERMI PULSARS [F. Camilo]	LS38	U	5 6 11 14 18 19 20 21 22 24 27 28	34.50
GLST031250	Ransom, S. Ray, P.S. Camilo, F. McLaughlin, M. Roberts, M. Kerr, M. Arzoumanian, Z. Hessels, J. W. T.	NRAO-CV NRL Columbia WVU Eureka Scientific U Washington USRA U Amsterdam	Scott Ransom	SEARCHING FOR MORE RADIO MILLISECOND PULSARS IN FERMI UNASSOCIATED SOURCES [S. Ransom]	8	U	11 12	11.00

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GV020	Vlemmings, W. Kramer, M. Freire, P. van Langevelde, H.J.	Argelander-Institut fuer Astronomie Jodrell Bank NAIC JIVE		Millisecond pulsar proper motions: VLBI mapping of the Globular Cluster M15 [W. Vlemmings]	L	5	27	6.50
Maint	NRAO staff			Maintenance			2 3 10 15 17 24 28	36.75
Tests	Software Tests			KFPA	LF		24 25	2.25
Tests	NRAO staff			KFPA cal measurements	F		17	6.50
Tests	pointing day			PTCS	B		3 6 7 9 12 13 15	28.75
Tests	X			RFI Checkout	XLSA8		6 7 9 20 21 22 24 27 28	14.25
Tests	800			Receiver Checkout	8		10	1.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	582.00 36.75 53.25						

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