

GBT Observing Schedule for March 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	4 9 22 27	29.75
BL176	Loinard, L. Dzib, S. Gomez, Y. Mioduszewski, A. Deller, A. Torres, R.M. Rodriguez, L. F.	Instituto de Astronomia (UNAM, Morelia, Mexico) UNAM Instituto de Astronomia, UNAM NRAO - SOC Swinburne Uni Bonn Instituto de Astronomia, UNAM	Frank Ghigo	The distance to Monceros: one of the nearest high-mass star-forming regions [L. Loinard]	X	V	19 20 25 26	18.50
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	19 21	17.00
GBT09C-015	Wang, J. Gu, Q.	Chinese Academy of Sciences	Ron Maddalena	Looking into Heavily Obscured AGN with RRLs [J. Wang]		Z	17	5.75
GBT09C-056	Yusef-Zadeh, F. Mason, B.S. Cotton, B.W. D.	Northwestern NRAO-GB NRAO-CV	Brian Mason	A 3mm Survey of the Galactic Center Region [F. Yusef-Zadeh]	M		28	1.75
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	2 4 5 6 8 9 10 11 12 13 14 26 27 30 31	115.00
GBT10A-083	Rosen, R. Heatherly, S.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [R. Rosen]	3	U	6 27	7.25
GBT10B-018	Lynch, R. Archibald, A. Boyles, J.	UVA McGill WVU	Scott Ransom	Long-term Monitoring of Key Drift Scan Pulsars [R. Lynch]	8	YU	18 19	1.50

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	Champion, D. Cordes, J. M. Deneva, J. Hessels, J. W. T. Kasian, L. Kaspi, V. Kondratiev, V. van Leeuwen, J. Lorimer, D. McLaughlin, M. McPhee, C. Ransom, S. Roberts, M. Stairs, I.	MPfR NAIC and Cornell Cornell U Amsterdam University of British Columbia McGill NFRA UC Berkeley WVU WVU UBC NRAO-CV Eureka Scientific UBC						
GBT10B-020	Chitsazzadeh, S. Di Francesco, J. Keto, E. Pineda, J. Sadavoy, S.	U Victoria NRC-CNRC CfA CfA U Victoria	Jim Braatz	Ammonia Observations of a Super-Jeans Pre-stellar Core in L1689 [S. Chitsazzadeh]	F	S	1	3.75
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 Istituto di Astrofisica Istituto di Astrofisica Istituto di Astrofisica NAIC UWV	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	Y	15 16	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	16 21 22 23	16.50
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	7	0.75
GBT10C-010	Rubio-Herrera, E Maccarone, T. Keane, E.	U Southampton Manchester U	Scott Ransom	Surveying our Galaxy's Satellite Companions for Pulsars and Radio Transients [E Rubio-Herrera]	3	G	9 10 11 12 13 26	21.75

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GBT10C-017	Dicker, S. Mason, B.S. Sarazin, C. L. Mroczkowski, A. Korngut, P. Reese, E. Sun, M. Devlin, M.J. Romero, C. Reese, E.	UPenn NRAO-GB University of Virginia UPenn UPenn UPenn UVA UPenn UPenn	Brian Mason	Imaging Massive Cluster Mergers Through the Sunyaev-Zel'dovich Effect [S. Dicker]	M		17 18 24	6.25
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	1 2 17 24	13.00
GBT10C-021	Urquhart, J. Morgan, L. Figura, C.	University of Leeds St Mary's University	Glen Langston	The RMS survey: NH3 mapping of triggered massive star forming regions [J. Urquhart]	F	S	8	1.50
GBT10C-024	Moore, T. Morgan, L. Eden, D.	Liverpool John Moores University St Mary's University	Glen Langston	Protostellar core sizes in W3 and Perseus [T. Moore]	F	S	7 28	8.50
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]	B	K	14	1.50
GBT10C-045	Friesen, R. Gutermuth, R. Bourke, T. Myers, P. C. Di Francesco, J.	NRAO Smith CfA CfA NRC-CNRC	Glen Langston	Temperature, fragmentation and kinematics in the Serpens South Cluster [R. Friesen]	F	S	7 8 20 29	13.50
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	5	8.75
GBT10C-068	Bilous, A. Safigan, A. Ransom, S.	NRAO-CV		Exploring radio eclipses of newly-discovered Fermi MSP J2047+1055 [A Bilous]	3	U	11	4.00
GBT11A-009	Mroczkowski, A. Mason, B.S.	UPenn NRAO-GB	Brian Mason	MUSTANG Imaging of the CLASH Cluster Sample [A. Mroczkowski]	M		20 27 28 29	21.75

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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-013	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	NRAO-GB WVU WVU NRAO-GB	Rachel Rosen	Confirmation and Follow-up Observations of New Pulsars Discovered by the PSC [R. Rosen]	3	U	6 14 27	3.00
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	18 20 21 23 24 31	30.00
GBT11A-027	Fraye, 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. Clements, D. DeZotti, G. Birkinshaw, M. van der Werf, P. Dunlop, J.S. Rigopoulou, D. Pearson, C. Omont, A. Bock, J.	NRAO-GB U Maryland Rutgers U Durham ROE U Durham NRAO-Green Bank Cardiff University Joint Astronomy Centre University of Chicago Instituto de Astrofisica de Ca Cardiff University INAF-Padova U Bristol Leiden Observatory Institute for Astronomy, University of Edinburgh MPE Inst. d'Astrophysique de Paris	Dave Frayer	CO(1-0) Observations of the Brightest Herschel-ATLAS Sub-mm Galaxies [D.T. Frayer]	B	Z	7 26 28 29 30	20.75

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	Edge, A. Wardlow, J. Kim, S. Ibar, E. Michalowski, M.	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	25	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	1 3 8 14 17 19 28 29	32.50
GBT11A-035	Siemion, A. Demorest, P. Howard, A. Korpela, E. Langston, G. I. Marcy, G. Maddalena, R. Tarter, J. C. Werthimer, D.	NRAO-CV NRAO-GB Calif.-Berkeley NRAO-Green Bank NASA/Ames Research Center	Ron Maddalena	A Search for Extraterrestrial Intelligence in the Kepler Field [A. Siemion]	L	U	7	1.50
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	7 10 18	12.75
GBT11A-042	Sadavoy, S. Di Francesco, J. Pezzuto, S. Andre, P. Chitsazzadeh, S.	U Victoria NRC-CNRC Centre d'Etudes de Saclay U Victoria	Glen Langston	Understanding Core Formation with Ammonia Observations of Perseus B1-E [S. Sadavoy]	F	S	3	4.00
GBT11A-043	Bania, T. M. Rood, R. T. Balsler, D.S.	Boston University University of Virginia NRAO - Green Bank	Dana Balsler	Solving "The 3-Helium Problem" [T. M. Bania]	X	SD	2 3 4 7 8 12 13 16 17 18 19 20 21 23 24 25 26 28 31	63.00

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GBT11A-045	Tabatabaei, F. Henkel, C. Braatz, J. A. Kramer, C. Braine, J. Menten, K. M. Mangum, J. G. Ott, J.	MPIfR MPIfR NRAO - CV Observatoire de Bordeaux MPIfR NRAO Charlottesville NRAO	Glen Langston	The First Detection of Ammonia in M33 [F. Tabatabaei]	F	S	13	3.25
GBT11A-052	Chitsazzadeh, S. Di Francesco, J. Schnee, S. Friesen, R. Bourke, T.	U Victoria NRC-CNRC Herzberg Institute NRAO CfA	Glen Langston	Ammonia Observations of Starless Cores with the KPFA [S. Chitsazzadeh]	F	S	1 2 3	11.25
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 6 7 11 12 13 15 16 18 22 23 26 27	45.00
GBT11A-056	Darling, J. Braatz, J. A.	U Colorado NRAO - CV	Jim Braatz	A Water Maser Survey of Active Black Holes in the Local Universe [J. Darling]	FK	S	1 31	3.50
GBT11A-057	Ostlin, G. Duval, F. Cannon, J.M. Schaefer, D. Kunth, D. Mas-Hesse, M.	Astronomiska Observatoriet i U University of Minnesota Institut d'Astrophysique de Pa LAEFF	Anish Roshi	A Search for Neutral Hydrogen in the Lyman Alpha Reference Sample Galaxies [J.M. Cannon]	L	S	23 24	10.25
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	4 5 6 7 10 13	18.00
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	8	4.50
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]	3	U	3 4 7 14 15 31	22.00

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GBT11A-065	Royster, M.J. Roberts, D.A. Yusef-Zadeh, F. Braatz, J. A.	Northwestern North Western University Northwestern NRAO - CV	Jim Braatz	An X-band Recombination Line Survey of the Galactic Center Region [M.J. Royster]	X	S	14 17 18 24 25	19.25
GBT11A-069	McLaughlin, M. Possenti, A. Crawford, F. Lyne, A. G. Stairs, I. Kramer, M. Freire, P. Camilo, F. Burgay, M. Stappers, B. Lorimer, D. D'Amico, N.	WVU Istituto di Astrofisica FandM Manchester U UBC Jodrell Bank NAIC Columbia Istituto di Astrofisica University of Manchester WVU Istituto di Astrofisica		Contemporaneous Radio and X-ray Observations of PSR J1723-2837 [M. McLaughlin]	S	U	3	3.50
GBT11A-070					L		31	1.00
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 18 20 22 23	15.25
Maint	NRAO staff			Maintenance			1 2 7 10 15 16 22 23 25 30 31	71.25
Tests	NRAO staff			KFPA Fring check	F		13	2.50
Tests	NRAO staff			KFPA cal measurements	F		1	1.00
Tests	Holography			PTCS	HB		8 30	10.25
Tests	342			RFI Checkout	38LSX		1 15 20 22 23 30	6.25
Tests	342			Receiver Checkout	38		1 15 26	3.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	648.50 71.25 23.25						

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