

GBT Observing Schedule for January 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	2 3 9 10 19 29	34.00
GBT08C-009	Smail, I. Genzel, R. Iverson, 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/Institut. d'Astrophys. Spatiale Inst. d'Astrophysique de Paris	Frank Ghigo	A Combined GBT/PdBI CO Survey of Submm Galaxies [I. Smail]		Z	16 17 19 20 27 28 30	16.25
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	10 20 21 22 28 29 30	22.75
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]	8L	YU	17 18	17.00
GBT09C-046	Zeiger, B. Darling, J.	U Colorado U Colorado	Frank Ghigo	Searching for Molecular Oxygen, the Hidden Key to Oxygen Chemistry in the ISM [B. Zeiger]	B	S	22	2.00
GBT09C-057	Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Roberts, M.	NRAO-CV WVU WVU UBC McGill Eureka Scientific	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	1 2 5 6 7 8 10 11	45.00

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	Lynch, R. van Leeuwen, J. van Leeuwen, J. Kondratiev, V. Boyles, J. Hessels, J. W. T. Archibald, A. Jenet, F.	UVA UC Berkeley UC Berkeley NFRA WVU U Amsterdam McGill						
GBT09C-059	Korngut, 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. Korngut]	M		4 22	8.50
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	14 16 27 30	13.75
GBT10A-022	Miller, J. McLaughlin, M. Boyles, 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 Rotating Radio Transients [J. Miller]	8	U	24	5.00
GBT10A-025	Greaves, J.	St Andrews	Ron Maddalena	Large dust and the earliest stages of planet growth [J. Greaves]	B	K	22	3.25
GBT10A-049	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]	38	U	23 26 28 30 31	11.25
GBT10A-083	Rosen, R. Heatherly, S.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [R. Rosen]	83	U	11 12 13 17 18 20 21 26	32.75
GBT10B-008	Kanekar, N. Prochaska, J. Chengalur, J.	NCRA UC Santa Cruz TIFR	Daniel Perera	A search for redshifted HI-21cm absorption in strong MgII/Fell absorbers. [N. Kanekar]	8	P	17 18 19 21	14.25
GBT10B-010	Wagg, J. Kanekar, N.	ESO NCRA	Daniel Perera	The molecular gas content of Lyman Alpha emitters at z~6.5 [J. Wagg]	B	S	7 10 20	11.75
GBT10B-018	Lynch, R. Archibald, A. Boyles, J. Champion, D. Cordes, J. M.	UVA McGill WVU MPIfR NAIC and Cornell	Scott Ransom	Long-term Monitoring of Key Drift Scan Pulsars [R. Lynch]	8	YU	14 15 16	5.50

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	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.	Cornell U Amsterdam University of British Columbia McGill NFRA UC Berkeley WVU WVU UBC NRAO-CV Eureka Scientific UBC						
GBT10B-027	Lee, M. Stanimirovic, S. Dickey, J. M. Douglas, K.A. Knee, L.B.G. Gibson, S. Di Francesco, J. Plume, R.	Wisconsin U Wisconsin U Tasmania U Calgary NRAO U Calgary NRC-CNRC U Calgary	Jules Harnett	OH Observations of the Perseus Molecular Cloud [M. Lee]	L	S	6 18 20 21 31	16.25
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	24 25	5.50
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	1	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	20 30	11.25
GBT10C-006	Morgan, L. Figura, C. Urquhart, J. Moore, T. Eden, D.	St Mary's University University of Leeds Liverpool John Moores University	Glen Langston	Environmental Effects Upon Star Formation [L. Morgan]	F	S	4 5 10	16.00

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GBT10C-011	Nikolic, B.N. Bolton, R.	Mullard Radio Astronomy Observatory	Daniel Perera	Star-forming galaxies at 90 GHz [B.N. Nikolic]	M		1 6 15 24	12.00
GBT10C-012	Castangia, P. Tarchi, A. Panessa, F.	INAF INAF	Ron Maddalena	Water maser and hard X-ray emission in AGN: the complete INTEGRAL sample [P. Castangia]	K	S	23	1.75
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		3 4	5.00
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	3 7 21 22 23 24	37.00
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	5 13 14	9.25
GBT10C-025	Murphy, E. Condon, J. J. Schinnerer, E. Turner, J. L. Beck, R. Mason, B.S. Meier, D.S. Armus, L. Helou, G. Mornjian, E. Chary, R-R.	IPAC NRAO-CV MPIA UCLA MPIfR NRAO-GB NMIMT SSC/IPAC IPAC, Caltech NRAO Caltech	Brian Mason	A Ka-Band Survey of Star Formation & Anomalous Dust Emission in Nearby Galaxies [E. Murphy]	B	K	14	1.75
GBT10C-026	Murphy, E. Condon, J. J. Schinnerer, E. Turner, J. L. Beck, R. Mason, B.S.	IPAC NRAO-CV MPIA UCLA MPIfR NRAO-GB	Brian Mason	The Origin of Anomalous Dust Emission in Extragalactic HII Regions [E. Murphy]	M		5 6 24	5.00

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	Meier, D.S. Armus, L. Helou, G. Chary, R-R. Scaife, A.	NMIMT SSC/IPAC IPAC, Caltech Caltech MRAO						
GBT10C-034	Ford, A. Lockman, F. J.	NRAO-GB	Jay Lockman	The Molecular Link Between Supershells and Halo Clouds [A. Ford]	L	S	1 2	12.25
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	M	2 7 12 13 15 16 18 23 24	56.50
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	8	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	3 5	10.00
GBT10C-046	Margot, J.L. Campbell, D. B. Slade, M.	Cornell University Cornell University JPL	Frank Ghigo	Venus spin dynamics [J.L. Margot]	X	X	8	2.00
GBT10C-051	Hoffman, I.M.	St. Paul's School	Anish Roshi	Renewed Interest in the Rare Ammonia Maser in NGC 7538 [I.M. Hoffman]	K	S	22	3.75
GBT10C-055	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 KFPA [S. Chitsazzadeh]	F	S	2 4	12.25
GBT10C-056	Basu, K. Pacaud, F. Mroczkowski, A. Sommer, M. Dicker, S. Reese, E. Korngut, P. Mason, B.S. Bender, A. Bertoldi, F. Lee, A. Menten, K. M.	MPIfR UPenn UPenn UPenn UPenn NRAO-GB U Bonn MPIfR	Brian Mason	High-resolution Sunyaev-Zel'dovich (SZ) imaging of a cluster cool core [K. Basu]	M		1	3.25
GBT10C-061	Cordiner, M. Charnley, S.B. Millar, T. Buckle, J.	NASA GSFC Queen's U Belfast Cavendish	Jules Harnett	Continuing the targeted search for hydrocarbon anions [M. Cordiner]	B	S	16 25 27 28 30	16.50

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	Milam, S.							
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	4 8 10 14	20.00
GBT10C-064	Mills, E. Morris, M. R. Requena-Torres, M.A. Martin-Pintado, J.	UCLA Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC)	Daniel Perera	Probing extremes of density and temperature in Galactic center molecular clouds [E. Mills]	K	S	3 23	2.50
GBT10C-066	Wolfe, S. Pisano, D.J. Lockman, F. J.	WVU NRAO-GB	Jay Lockman	Techniques for Mapping Diffuse HI in the Local Group [S. Wolfe]	L	S	8 11 12 16	16.50
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	21 29	9.00
GBT11A-029	Lynch, R. Ransom, S.	UVA NRAO-CV	Scott Ransom	Searching for Pulsars in Ten Globular Clusters Using GUPPI2 [R. Lynch]	3	U	31	3.00
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	21 25 28 29 30 31	21.00
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	23 24 26 27 28 30 31	42.00
GLST031050	Ray, P.S. Camilo, F. Ransom, S. DeCesar, M. Roberts, M. Saz-Parkinson, P. Dormody, M Ziegler, M	NRL Columbia NRAO-CV U Maryland Eureka Scientific UCSC UCSC UCSC	Scott Ransom	SEARCH FOR RADIO PULSATIONS FROM GAMMA-RAY PULSARS DISCOVERED WITH FERMI [P.S. Ray]	S	U	15	3.00
GLST031123	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Ray, P.S. Kerr, M.	Columbia NRAO-CV Eureka Scientific WVU NRL U Washington	Scott Ransom	RADIO TIMING OF KEY FERMI PULSARS [F. Camilo]	LS38	U	1 4 5 16 18 28	12.25

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	Hessels, J. W. T.	U Amsterdam						
GLST031191	Kovalev, Y.A.	Astro Space Center	Frank Ghigo	1FGL ACTIVE GALACTIC NUCLEI AT PARSEC SCALES [Y.A. Kovalev]	X	5	8 9	24.50
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	14 15 17	17.50
Maint	NRAO staff			Maintenance			6 7 10 11 12 14 18 19 25 26 27	61.00
Tests	NRAO staff			KFPA cal measurements	F		13	0.50
Tests	pointing night			PTCS	BM		25 26 27	8.50
Tests	L			RFI Checkout	LSUX8		1 2 3 8 9 10 17	10.25
Tests	X			Radar Checkout	X		8	0.50
Tests	Ka			Receiver Checkout	B8Q3KX		6 11 14 25 26 27 30	9.50
Total Hrs	Astronomy Maintenance Un-assigned Tests	653.75 61.00 29.25						

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