

# GBT Observing Schedule for October 2010

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 16 31	34.00
BB295	Kondratiev, V. Bietenholz, M. F. Bartel, N. Ransom, S. Buchner, Sarah	NFRA York University York University NRAO-CV	Frank Ghigo	Proper motion of the Young Pulsar J0205+6449 in 3C 58 [M. F. Bietenholz]	L	V	18 19	10.50
GBT08C-078	Cotton, B.W. D. Mason, B.S. Dicker, S. Kornigut, P. Devlin, M.J.	NRAO-CV NRAO-GB UPenn UPenn UPenn	Brian Mason	MUSTANG Observations of Cygnus A [B.S. Mason]	M		14	2.00
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	17.00
GBT09C-035	Shirley, Y.L. Mason, B.S. Dicker, S. Devlin, M.J. Kornigut, P.	U Arizona NRAO-GB UPenn UPenn UPenn	Brian Mason	Modeling Starless Core Emission at 3.3 mm [Y.L. Shirley]	M		15 18	5.75
GBT09C-051	Braatz, J. A. Condon, J. J. Reid, M. J. Henkel, C. Lo, F.K. Y. Kuo, C-Y. Impellizzeri, C.M.V. Hao, L.	NRAO - CV NRAO-CV Center for Astrophysics MPIfR NRAO-CV UVA NRAO Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 3 [J. A. Braatz]	K	S	5 9 29 30 31	26.50
GBT10A-005	Kanekar, N.	NCRA	Frank Ghigo	Probing changes in the proton-electron mass ratio with radio molecular lines [N. Kanekar]	B	S	19 20	3.50
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	25	5.00

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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

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GBT10A-025	Greaves, J.	St Andrews	Ron Maddalena	Large dust and the earliest stages of planet growth [J. Greaves]	B	K	15 29	4.25
GBT10A-039	Johnson, K. Kepley, A. Pisano, D.J. Balsler, D.S. Rabidoux, K.	UVA UVA WVU NRAO - Green Bank WVU	Dana Balsler	Survey for Radio Recombinations Lines in Nearby Star-Forming Galaxies [K. Johnson]	QB	S	8 20 21	9.00
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		19	0.75
GBT10A-061	Ransom, S. Ray, P.S. Camilo, F. Roberts, M.	NRAO-CV NRL Columbia Eureka Scientific		Timing of a 3.1ms pulsar discovered in a Fermi LAT unidentified gamma-ray source [S. Ransom]	L	U	12	1.00
GBT10A-064	Pisano, D.J. Rabidoux, K.	WVU WVU	Brian Mason	Mapping the thermal emission in local Luminous Compact Blue Galaxies [D.J. Pisano]	M		17 18	3.50
GBT10B-001	Ruf, C. Renno, N.O. Simoes, F.	U Michigan U Michigan GSFC	Ron Maddalena	Observing Schumann Resonance Spectra on Jupiter and Venus [C. Ruf]	X	O	1 11 12	14.25
GBT10B-006	Alves, F. Girart, J. M.	IEEC IEEC - Barcelona	Frank Ghigo	Testing the effects of the magnetic field in the evolution of starless cores [F. Alves]	L	P	2 8 12 13 14 15 26 28 29	38.25
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]	8A	P	3 6 11 20 21 22 27	33.50
GBT10B-014	Frayer, D.T. Privon, G. Evans, A. Maddalena, R. Chan, B. Stierwalt, S. Armus, L. Appleton, P. N. Sanders, D. B. U, V. Surace, J. Mazzarella, J. M. Petric, A. Haan, S. Morganti, R.	NRAO-GB UVA NRAO NRAO-Green Bank Caltech Cornell SSC/IPAC Caltech IfA Manoa IfA Manoa Caltech Caltech IPAC Caltech NFRA/ASTRON	Dave Frayer	GBT HI Observations of the GOALS LIRG Sample [D.T. Frayer]	L	S	20 21 22 23 24 25 29	18.25

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GBT10B-021	Lovell, A. Howell, E.	Agnes Scott College Arecibo Observatory	Frank Ghigo	OH Observations of Comets C/2009 R1 McNaught and 103P/Hartley 2 [A. Lovell]	L	P	9 10 11 15 16 17 31	35.00
GBT10B-022	Wootten, H. A. Gerin, M. Lis, D. C. Roueff, E.	NRAO-CV Obs de Paris Caltech Obs de Paris	Jim Braatz	GBT Survey of 15N Ammonia in Dense Cores [H. A. Wootten]	K	S	29	2.00
GBT10B-026	Willett, K. Darling, J.	U Colorado U Colorado	Daniel Perera	A targeted search for OH megamasers in the COSMOS field [K. Willett]	A8	S	6 10 20 22 25	18.00
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	1 2 3 4	22.50
GBT10B-032	Yusef-Zadeh, F. Braatz, J. A.	Northwestern NRAO - CV	Ron Maddalena	CH3OH and SiO Observations of the Circumnuclear Molecular Ring [F. Yusef-Zadeh]	Q	S	9 10	6.50
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	1.00
GBT10B-042	Langston, G. I.	NRAO-GB	Glen Langston	Temperature of TMC-CP from a Fit to Molecular Line HC_5N and HC_7N Intensities [G. I. Langston]	B	S	21	3.50
GBT10B-050	Gwinn, C. R. Johnson, M. Demorest, P.	University of California, Sant NRAO-CV		Size of the Vela Pulsar's Emission Region at 800 MHz [C. R. Gwinn]	8	U	22 25	4.00
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	8	3.50
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	5	2.00
GBT10C-017	Dicker, S. Mason, B.S. Sarazin, C. L. Mroczkowski, A. Korngut, P. Reese, E. Sun, M.	UPenn NRAO-GB University of Virginia UPenn UPenn UPenn UVA	Brian Mason	Imaging Massive Cluster Mergers Through the Sunyaev-Zel'dovich Effect [S. Dicker]	M		16 17 30	8.75

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	Devlin, M.J. Romero, C. Reese, E.	UPenn  UPenn						
GBT10C-022	Walker, L. Johnson, K.	UVA UVA	Jules Harnett	HI MASSES OF COMPACT GROUPS OF GALAXIES [L. Walker]	L	S	9 10 12 13	6.25
GBT10C-029	Fraye, D.T. Harris, A. Baker, A.C. Iverson, R. J. Eales, S. Oliver, S. Maddalena, R. Smail, I. Swinbank, M. Hainline, L. Leeuw, L.L. Bock, J. Glenn, J. Cooray, A. Dowell, D. Conley, A. Negrello, M. Serjeant, S. Dunne, L. Dye, S. Ibar, E. Coppin, K. Jarvis, M.J. van der Werf, P. Rigby, E. Omont, A. Clements, D. L. Temi, P. Thompson, M.A. Rigopoulou, D.	NRAO-GB U Maryland Rutgers ROE Cardiff University  NRAO-Green Bank U Durham U Durham U Maryland Joint Astronomy Centre       Imperial College Cardiff University Imperial College IfA Durham, University of Oxford University Leiden Observatory Edinburgh Inst. d'Astrophysique de Paris Institut d'Astrophysique Spati  The University Of Hertfordshire MPE	Ron Maddalena	CO(1-0) Observations of the Brightest Herschel-Selected Sub-mm Galaxies [D.T. Frayer]		Z	2	5.50
GBT10C-031	Jewitt, D. Drahus, M. Agarwal, J. Mason, B.S.	Institute for Astronomy   NRAO-GB	Brian Mason	Mass Loss from Comet 103P/Hartley 2 [D. Jewitt]	M		18 19 21 22 23 24 25	32.00
GBT10C-033	Cherinka, B. Schulte-Ladbeck, R. E.	University of Pittsburgh University of Pittsburgh	Jules Harnett	Connecting local galaxies with Damped Lyman Alpha systems via 21 cm absorption. [B. Cherinka]	LA	S	5 6 8 9	26.75
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	M	11 14 15 16 17 18 23 24 25 26 27 28 29 30	83.25

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GBT10C-039	Darling, J. Willett, K. Gill, A.	U Colorado U Colorado	Daniel Perera	A Water Maser Survey of M31: The First Step Toward Proper Motion [J. Darling]	K	S	6 7 8 9 22 23 29 30	17.50
GBT10C-044	Ludovici, D. Pisano, D.J.	WVU	Jules Harnett	Searching for HI in the loose group LGG 140 [D. Ludovici]	L	S	3 4 6 7	17.50
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	30	1.50
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]	8L	U	3 4 20 27	34.00
GBT10C-050	Lonsdale, C. Tsai, C.-W.	UC Los Angeles	Brian Mason	30 and 90Hz Observations of WISE extreme HyLIRG at z=2.45 [C. Lonsdale]	B	K	19	2.00
GBT10C-052	Hewitt, J. Wakely, S. Aliu, E.	NASA	Jules Harnett	Searching for OH(1720 MHz) Masers from TeV-bright SNR G106.3+2.7 [J. Hewitt]	L	S	10	3.50
GBT10C-053	Roberts, M. Camilo, F. Ransom, S. Hessels, J. W. T. McLaughlin, M. Aliu, E.	Eureka Scientific Columbia NRAO-CV U Amsterdam WVU	Scott Ransom	Searching for Highly Scattered Pulsars in Very Low Latitude Fermi Sources [M. Roberts]	S	U	6	3.00
GBT10C-054	Remijan, A. Pate, B. McCarthy, M.	National Radio Astronomy Observatory UVA Harvard-Smithsonian Center for Astrophysics	Jules Harnett	Investigating the Formation of Large Molecules in the Orion Compact Ridge [A. Remijan]	X	S	10 12 13	11.50
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]	SL	U	19 21 22 23 24 30	19.25
GBT10C-059	Milam, S. Remijan, A. Cordiner, M. Charnley, S.B. Langston, G. I. Coulson, I.	National Radio Astronomy Observatory NASA GSFC NRAO-GB	Glen Langston	Molecular Survey towards Comet 103P/Hartley 2 [S. Milam]	LX	S	12 13 14 16 17 19 20 22 23 24 26 28 31	26.00
GLST031123	Camilo, F. Ransom, S.	Columbia NRAO-CV	Scott Ransom	RADIO TIMING OF KEY FERMI PULSARS [F. Camilo]	LS38	U	2 11 15 17 25	13.25

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Maint	NRAO staff			Maintenance			1 5 7 12 13 16 19 26 28	60.50
Tests	NRAO staff			KFPA cal measurements	F		16 29	2.50
Tests	NRAO staff			Ka Zpectrometer Tests	B		2	2.75
Tests	NRAO staff			Ka/Spectrometer	B		1 2	12.00
Tests	encoder pointing check			PTCS	B		19	1.50
Tests	1070			RFI Checkout	ASLX8		5 6 8 10 12 13 16 17 18 19 20 24 28 29 31	16.50
Tests	Ka			Receiver Checkout	BAXM8		1 5 13 20	6.50
Tests	NRAO staff			Scal low freq	38A		5	1.25
Tests	NRAO staff			Scal mid freq	LSCX		4 5	4.00
Total Hrs	Astronomy Maintenance Un-assigned Tests	636.50 60.50  47.00						

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