

GBT Observing Schedule for November 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	7 19 24	25.50
BB278	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	5	21 22 28 29	24.50
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]	K	S	13 28	6.75
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]	L8	YU	20 21	17.25
GBT09C-020	Nikolic, B.N.	Mullard Radio Astronomy Observatory	Brian Mason	Star-forming galaxies at 90GHz [B.N. Nikolic]	M		7 13	7.75
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		2 3	1.75
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	11	3.50
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	1 2 6 7 9 12 13 18 19 23 24 26 29	41.25

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

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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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	3 4 5 6 7 8 23 26 27 29 30	83.25
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		1 2	3.50
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	20 21 27 28	10.25
GBT10A-014	Greenhill, L. J. Briggs, F. H. Goddi, C. Hagiwara, Y. Harris, R. Horiuchi, S. Masters, K. Moran, J. M. Soni, A. Tilak, A. Zaw, I.	CfA ANU Istituto Nazionale di Astrofisica NAOJ CfA CDSCC University of Portsmouth CfA ANU CfA NYU	Daniel Perera	H2O Maser Survey of Early-Type Galaxies [L. J. Greenhill]	K	S	28 29	11.50
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	22	5.00
GBT10A-025	Greaves, J.	St Andrews	Ron Maddalena	Large dust and the earliest stages of planet growth [J. Greaves]	B	K	1 5	6.50
GBT10A-039	Johnson, K.	UVA	Dana Balser	Survey for Radio Recombinations Lines in Nearby	Q	S	9 10	10.50

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	Kepley, A. Pisano, D.J. Balsler, D.S. Rabidoux, K.	UVA WVU NRAO - Green Bank WVU		Star-Forming Galaxies [K. Johnson]				
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		3	1.50
GBT10A-061	Ransom, S. Ray, P.S. Camilo, F. Roberts, M.	NRAO-CV NRL Columbia Eureka Scientific		Timing of a 3.1 ms pulsar discovered in a Fermi LAT unidentified gamma-ray source [S. Ransom]	L	U	11	1.00
GBT10A-066	Braatz, J. A. Kuo, C-Y. Cassidy, T.	NRAO - CV UVA UVA	Jim Braatz	Water Masers in the Saturnian System [C-Y. Kuo]	K	S	10 19	8.00
GBT10A-072	Cordiner, M. Charnley, S.B. Millar, T. Buckle, J.	NASA GSFC Queen's U Belfast Cavendish	Jim Braatz	A Targeted Search for Hydrocarbon Anions: Probing the Evolution of Dense Clouds [M. Cordiner]	B	S	17 18 19 20 22 23	12.25
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]	8	PS	1 2 9 14	12.50
GBT10B-018	Lynch, R. Archibald, A. Boyles, J. 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.	UVA McGill WVU MPIfR NAIC and Cornell Cornell U Amsterdam University of British Columbia McGill NFRA UC Berkeley WVU WVU UBC NRAO-CV Eureka Scientific UBC	Scott Ransom	Long-term Monitoring of Key Drift Scan Pulsars [R. Lynch]	8	YU	12 15	2.00
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	1	8.00

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GBT10B-022	Wooten, 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. Wooten]	KF	S	11 12 28	5.00
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	14 15 16 23	13.25
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]	L8	Y	2 15 17 18	30.25
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
GBT10C-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	6 8 9 19 24	12.50
GBT10C-007	Lal, D. Kraft, R.P. Forman, W. R. Cotton, B.W. D. Hardcastle, M.H. Jones, C.	CfA Smithsonian Astrophysical Obse NRAO-CV University of Bristol	Brian Mason	GBT observations of FR II radio galaxies at 90 GHz [D. Lal]	M		10 11 12 13 14	19.25
GBT10C-011	Nikolic, B.N. Bolton, R.	Mullard Radio Astronomy Observatory	Daniel Perera	Star-forming galaxies at 90 GHz [B.N. Nikolic]	M		14	2.00
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	6 7 12 13	10.75

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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 UPenn	Brian Mason	Imaging Massive Cluster Mergers Through the Sunyaev-Zel'dovich Effect [S. Dicker]	M		8 19 24	6.75
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	7 8 9 10 11 15 19	25.75
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.	NRAO-GB U Maryland Rutgers ROE Cardiff University NRAO-Green Bank U Durham U Durham U Maryland Joint Astronomy Centre University of Chicago Imperial College Cardiff University Imperial College IfA Durham, University of Oxford University Leiden Observatory Edinburgh Inst. d'Astrophysique de Paris Institut d'Astrophysique Spati	Ron Maddalena	CO(1-0) Observations of the Brightest Herschel-Selected Sub-mm Galaxies [D.T. Frayer]		Z	12 13 21 23	13.25

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	Temi, P. Thompson, M.A. Rigopoulou, D.	The University Of Hertfordshire MPE						
GBT10C-034	Ford, A. Lockman, F. J.	NRAO-GB	Jay Lockman	The Molecular Link Between Supershells and Halo Clouds [A. Ford]	L	S	16 17 18 30	17.25
GBT10C-035	Minter, A.	NRAO - Green Bank	Toney Minter	Investigating the small-scale structure of HI [A. Minter]	L	MX	4 5 8 12 14 18 19 21 26 27 29 30	43.50
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	5 6 8	6.50
GBT10C-042	Schnee, S. Di Francesco, J. Friesen, R. Sadavoy, S.	Herzberg Institute NRC-CNRC NRAO U Victoria	Brian Mason	Mapping the Dust Emission from OMC-2/3 [S. Schnee]	M		3	4.50
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	6 15	3.00
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	6	6.00
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	10	2.50
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	23	2.00
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	10 13 20 22 28	15.50
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]	B	S	12	4.50
GBT10C-065	McLaughlin, M. Kondratiev, V. Bilous, A. Ransom, S.	WVU NFRA NRAO-CV		Crab Giant Pulses: A Correlation Study at Radio and X-rays [M. McLaughlin]	L	U	16	6.75

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	Mickaliger, M Lorimer, D. Lyutikov, M.	WVU McGill University						
GBT10C-070					L	S	27 30	5.00
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	1 5 6 14 20 27	16.50
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 16 17 18 22	23.00
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	2	7.00
Shutdown	NRAO staff			Un-assigned Shutdown			24 25 26	36.00
Maint	NRAO staff			Maintenance			3 4 9 16 17 23 30	57.00
Tests	NRAO staff			Ka/Zpec tests	B		12	1.25
Tests	encoder pointing check			PTCS	B		4	0.75
Tests	L			RFI Checkout	L3SX8		2 3 6 10 11 13 14 15 17	10.50
Tests	342			Receiver Checkout	38Q		3 9 23	6.00
Tests	Prep			Shutdown	L		24	0.50
Tests	Minter			Startup	L		26	2.00
Total Hrs	Shutdown Astronomy	36.00 607.00	-					

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	Maintenance	57.00						
	Un-assigned							
	Tests	21.00						

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