GBT Observing Schedule for January 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	9 15 16 29	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	13 14 15 26 27	38.50
BM310	Momjian, E. Wang, W.-H. Carilli, C. L.	NRAO National Radio Astronomy Observatory NRAO - Socorro	Jules Harnett	Resolving the Radio Emission of the Luminous SMG GOODS 850-36 [E. Momjian]	L	5	7 8	16.00
CH11300893	Heinke, C Sivakoff, G.R. Lynch, R. Ransom, S. Sarazin, C. L. Ivanova, N	University of Virginia UVA NRAO-CV University of Virginia	Scott Ransom	Binary Formation in the Sparse Galactic Globular Cluster NGC 3021 [G.R. Sivakoff]	S	U	3 5	3.00
GBT05C-027	Mangum, J. G. Wootten, H. A.	NRAO Charlottesville NRAO-CV	Dana Balser	An Exact Identification of High Densities in Molecular Clouds [J. G. Mangum]	Q	S	29 31	6.00
GBT08B-005	Campbell, B. Campbell, D. B. Carter, L. Ghent, R. Nolan, M	Smithsonian Institute Cornell University Smithsonian Institution Smithsonian Institution Arecibo Observatory	Frank Ghigo	High-Resolution 12.6-cm Radar Mapping of the Nearside of the Moon [B. Campbell]	S	X	23	3.50
GBT08C-035	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. Impellizzeri, C.M.V.	NRAO - CV NRAO-CV CfA MPIfR NRAO-CV Center for Astrophysics UVA NYU CfA Cornell Dept. of Astronomy NRAO	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	10 11 14 26 27 29 31	57.00

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GBT08C-061	Loinard, L. Ceccarelli, C. Pacheco, S. Caux, E. Hollis, J. M. Remijan, A. Cernicharo, J.	Instituto de Astronomia (UNAM, Morelia, Mexico) Observatoire de Grenoble UNAM NASA/GSFC National Radio Astronomy Observatory CSICIEMDpto. Fisica Molecular	Frank Ghigo	Search for prebiotic molecules in the Solar-type protostar IRAS 16293-2422 [L. Loinard]	Q	S	29	3.00
GBT09A-003	Freire, P. Ransom, S. Lynch, R.	NAIC NRAO-CV UVA	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P. Freire]	S	UG	4	3.00
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia NRAO-CV Center for Astrophysics NRL WVU	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	10	1.25
GBT09B-029	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	YB	20 21	5.50
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D. McLaughlin, M. Stairs, I. Kaspi, V. Cordes, J. M. Champion, D. Archibald, A. Kondratiev, V. Boyles, J. Hessels, J. W. T. McPhee, C. Roberts, M. Kasian, L. van Leeuwen, J. Deneva, J.	UVA NRAO-CV WVU WVU UBC McGill NAIC and Cornell MPIfR McGill NFRA WVU U Amsterdam UBC Eureka Scientific University of British Columbia UC Berkeley Cornell	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19	4.50

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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	18 20	17.00
GBT09B-058	Lynch, R. Ransom, S.	UVA NRAO-CV	Scott Ransom	Continued Timing of Six Globular Cluster Millisecond Pulsars [R. Lynch]	S	U	8	2.00
GBT09B-060	Yusef-Zadeh, F. Braatz, J. A.	Northwestern NRAO - CV		Confirmation of Absorption by Water Molecules Toward the Galactic Center [J. A. Braatz]	K	S	31	1.50
GBT09B-061	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [S. Heatherly]	83	U	7 21 22	22.75
GBT09C-001	Bania, T. M. Anderson, L. Balser, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balser	Discovering Milky Way HII Regions [T. M. Bania]	X	DS	1 9	14.00
GBT09C-002	Gupta, N. Srianand, R. Petitjean, P. Petitjean, P.	Tata Institute of Fundamental Research Inter-University Centre for As Institut d'Astrophysique Institut d'Astrophysique	Jules Harnett	Search for 21cm absorption at 0.6<z<1.0 using optimally selected MgII absorbers. [N. Gupta]	8	P	7 8 9 19	10.50
GBT09C-006	Magnani, L. Cotten, D.	University of Georgia	Daniel Perera	OH as a Tracer of "Dark" Molecular Gas [L. Magnani]	L	S	1 12 16 17 18 19 20 25	35.50
GBT09C-013	Nordhaus, M. Evans II, N.J. Rosolowsky, E. Cyganowski, C. Bally, J. Aguirre, J. Drosback, M. Glenn, J. Williams, J. P. Bradley, E.T. Ginsburg, A.	U Texas University of Texas at Austin UBC U Wisconsin Madison U Colorado U Penn IfA Manoa U Colorado	Daniel Perera	NH3 in Dense Cloud Cores Selected from the 1.1 mm Continuum BGPS [M. Nordhaus]	K	S	10 14 31	9.50
GBT09C-014	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia NRAO-CV CFA WVU	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	24	1.75
GBT09C-019	Margot, J.L. Peale, S.	Cornell University Dept. of Physics, U. of Calif., Santa	Frank Ghigo	Spin state and interior of Mercury [J.L. Margot]	X	X	2 3 9 10	5.25

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	Slade, M.	Barbara JPL						
GBT09C-040	Di Francesco, J. Allen, T. Fischer, W. Poteet, C. Maret, S.	NRC-CNRC U Toledo U Toledo U Toledo UJF Grenoble	Daniel Perera	The Role of Environment in the Formation of Orion Protostars [J. Di Francesco]	K	S	1 6 7 12 25 26 28	18.25
GBT09C-045	Campbell, B. Campbell, D. B. Carter, L. Nolan, M Ghent, R.	Smithsonian Institute Cornell University Smithsonian Institution Arecibo Observatory Smithsonian Institution	Frank Ghigo	Ongoing High-Resolution 12.6-cm Radar Mapping of the Nearside of the Moon [B. Campbell]	S	X	24 25	6.75
GBT09C-048	Darling, J. Stocke, J. T. Yan, T.	U Colorado University of Colorado	Jim Braatz	Intrinsic HI and OH Absorption in Type 2 Quasars [J. Darling]	8	S	11 12	5.75
GBT09C-049	Ginsburg, A. Battersby, C. Darling, J. Bally, J. Zeiger, B.	U Colorado U Colorado U Colorado U Colorado U Colorado	Jim Braatz	Measuring the dense gas mass fraction with H2CO absorption [A. Ginsburg]	U	S	16	4.00
GBT09C-054	Darling, J. Johnson, K. Brogan, C.L.	U Colorado UVA NRAO	Dana Balser	A Sensitive Survey for Water Masers in Star-Forming Galaxies [J. Darling]	K	S	13 31	6.00
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 2 3 4 5 6 28 29 30 31	103.50
GBT09C-058	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]	8	U	12 16	8.00
GBT09C-059	Korngut, P. Mason, B.S.	UPenn NRAO-GB	Brian Mason	High Resolution MUSTANG Imaging of the SZE in X ray Luminous Galaxy Clusters [P. Korngut]	M		28 30	2.25

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	Dicker, S. Devlin, M.J. Cotton, B.W. D. Sun, M. Mroczkowski, A.	UPenn UPenn NRAO-CV UVA UPenn						
GBT09C-069	Kanekar, N.	NCRA	Ron Maddalena	Probing changes in the proton-electron mass ratio with radio molecular lines. [N. Kanekar]	U	S	16	3.00
GBT09C-072	Stairs, I. McPhee, C. Lynch, R. Ransom, S.	UBC UBC UVA NRAO-CV	Scott Ransom	Eclipses in a New Galactic Black-Widow Pulsar [I. Stairs]	L	UY	30	8.25
GBT09C-075	Bandura, K. Peterson, J. Pen, U-L Chang, T-C	Carnegie Mellon Carnegie Mellon U Toronto UT/CITA	Ron Maddalena	HI Brightness Mapping of zCOSMOS field [K. Bandura]	8	S	13	5.00
GBT09C-076	Kondratiev, V. Otte, N. Lyutikov, M.	NFRA McGill University	Scott Ransom	Crab Pulsar Giant Pulses: Is Correlation Between Radio and VHE Bands Real? [V. Kondratiev]	X	U	8 9	5.00
GBT09C-085	McLaughlin, M. Keane, E. Miller, J. Lyne, A. G. Kramer, M. Lorimer, D.	WVU Manchester U WVU Manchester U Jodrell Bank WVU	Scott Ransom	Continued Timing of Rotating Radio Transient Sources [M. McLaughlin]	83	U	11 27	7.00
GBT09C-086	Arzoumanian, Z. Ransom, S.	USRA NRAO-CV	Scott Ransom	Followup of the GBT's discovery of a 24 ms pulsar in SNR G76.9+1.0 [Z. Arzoumanian]	S	U	7	4.00
GBT09C-090	Cosmovici, C. Pluchino, S. Pogrebenko, S.V. Braatz, J. A.	JIVE NRAO - CV	Jim Braatz	Confirmation of a Water Maser Detection in Lalande 21185 [J. A. Braatz]	K	S	5 6	2.00
GBT09C-091	McLaughlin, M. Hessels, J. W. T. Roberts, M. Ransom, S. Bangale, P. Ray, P.S. Camilo, F. Kerr, M.	WVU U Amsterdam Eureka Scientific NRAO-CV NRL Columbia U Washington	Scott Ransom	Five New Millisecond Pulsars Coincident with Fermi Unidentified Sources [M. McLaughlin]	L	U	15 23	3.00
GBT10A-003	Verschuur, G. L. Nidever, D.	University of Memphis UVA	Daniel Perera	Mapping High-Velocity Feature A0 [G. L. Verschuur]	L	P	7 8 16 23	17.75
GBT10A-026	Pisano, D.J. Heald, S.	WVU Netherlands Astronomy	Daniel Perera	Searching for low column density HI in the NGC 1023 Group [D.J. Pisano]	L	S	17 18 19 22 23 26	36.50

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GBT10A-043	Free, N. Shields, J. Lockman, F. J.	Ohio U Ohio U NRAO-GB	Jay Lockman	M33 And Its Association with Local Group Gas [F. J. Lockman]	L	S	11 12 20 23 24 25 27 28 30	40.00
GBT10A-052	Rosen, R. Demorest, P. Clemens, C. Wyman, K.	NRAO-GB NRAO-CV UNC Wesleyan	Rachel Rosen	Observational Tests for Non-radial Oscillations in Radio Pulsars [R. Rosen]	8	U	16 17	8.25
GBT10A-060	Lazio, T.J.W. McLaughlin, M. Ransom, S. Cordes, J. M.	NRL WVU NRAO-CV NAIC and Cornell	Scott Ransom	Direct Detection of Local Group Baryons: Giant Pulses from Extragalactic Pulsars [T.J.W. Lazio]	3	U	22 24	8.50
GBT10A-070	Kannappan, S. Wei, L. Pisano, D.J.	UNC Maryland WVU	Daniel Perera	Relating Gas Fractions to Galaxy Mass Scales and Dynamics for a Broad Sample [L. Wei]	L	S	11 13 23 24 25 27 28 30	41.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia NRAO-CV Eureka Scientific WVU	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	8 11 19	9.25
Calibratio	NRAO staff			GBT Abs. Cal. Project	L		6 7 11 15 18 19	9.00
Maint	NRAO staff			Maintenance			5 6 13 21 26 28	48.50
Tests	Incoherent			GUPPI	3L	G	1 21 30	9.75
Tests	Mason			Mustang	M		14 15	6.50
Tests	Servo			PTCS	MH		19 20 21 27	14.00
Tests	NRAO staff			RCO	3SXL		22	1.25
Tests	NRAO staff			RCO*8	8		6	1.50
Tests	342			RFI Checkout	3UL8XS		2 4 6 9 10 13 26 28	10.00
Tests	NRAO staff			Scal Measurements	K		31	4.00
Total Hrs	Astronomy Calibration Maintenance Un-assigned Tests	639.50 9.00 48.50 47.00						

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