

# GBT Observing Schedule for February 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 9 10 14	18.50
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	12 13 14	25.00
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	7 24 25	8.50
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	1	4.50
GBT09A-017	Lockman, F. J. Chynoweth, K. Langston, G. I.	NRAO-GB NRAO-GB	Jay Lockman	GBT HI Observations of "Wright's Cloud" [F. J. Lockman]	L	S	16	2.00
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	11	1.25
GBT09B-029	Kramer, M. Stairs, I. McLaughlin, M. Ferdman, R. Camilo, F. Lyne, A. G. Manchester, D.R.	Jodrell Bank UBC WVU Obs. de Paris Columbia Manchester U ATNF	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YB	14 15	5.50

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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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	N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Perera, B.	Instituto di Astrofisica Instituto di Astrofisica Instituto di Astrofisica NAIC UWV						
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	15 17	4.75
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	15 16 17 18	17.00
GBT09B-061	Heatherly, S. Rosen, R.	NRAO-GB NRAO-GB		Maintenance Observing with the GBT [S. Heatherly]	3	U	2 5 6 7 8 9 10	51.25
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	17	2.50
GBT09C-008	Rood, R. T. Bania, T. M. Balsler, D.S.	University of Virginia Boston University NRAO - Green Bank	Dana Balsler	Constraining Galactic Chemical Evolution: 3-Helium Benchmark Abundances in S209 - copy [R. T. Rood]	X	DS	20	10.00
GBT09C-013	Nordhaus, M. Evans II, N.J. Rosolowsky, E. Cyganowski, C.	U Texas University of Texas at Austin UBC U Wisconsin Madison	Daniel Perera	NH3 in Dense Cloud Cores Selected from the 1.1 mm Continuum BGPS [M. Nordhaus]	K	S	7 11 20	11.25

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	Bally, J. Aguirre, J. Drosback, M. Glenn, J. Williams, J. P. Bradley, E.T. Ginsburg, A.	U Colorado U Penn  IfA Manoa U Colorado						
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	27	1.75
GBT09C-031	Thi, W. Dent, W. R. F. Sibthorpe, B. Mason, B.S. Dicker, S. Greaves, J. Woitke, P. Rice, K. Phillips, N. Devlin, M.J. Korngut, P. Cotton, B.W. D.	Royal Observatory  NRAO-GB UPenn St Andrews  UPenn UPenn NRAO-CV	Brian Mason	Investigating grain growth in disks around TTauri stars with Mustang/GBT [W. Thi]	M		4 21	6.75
GBT09C-037	Urquhart, J. Morgan, L. Hoare, M.G. Figura, C.	University of Leeds St Mary's University University of Leeds	Jim Braatz	The RMS survey: probing the environments of young massive stars [J. Urquhart]	K	S	13	4.50
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	8 9 11 12 24 25	36.00
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.	NRAO-CV WVU WVU UBC McGill Eureka Scientific UVA UC Berkeley UC Berkeley NFRA WVU	Scott Ransom	A 350-MHz Pulsar Survey of the Northern Celestial Cap [S. Ransom]	3	U	2 3 6 7 8 10 19 20 21 22 23 24 25 26 27 28	118.75

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	Hessels, J. W. T. Archibald, A. Jenet, F.	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		5 21 22	10.25
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	3	2.00
GBT09C-092	Zeiger, B. Darling, J.	U Colorado U Colorado		Water and OH Masers in the Atmosphere of an Extrasolar Planet [B. Zeiger]	K	S	4	3.00
GBT10A-009	Mangum, J. G. Darling, J. Menten, K. M. Henkel, C.	NRAO Charlottesville U Colorado MPIfR MPIfR	Frank Ghigo	Kinetic Temperature in Starburst Galaxies [J. G. Mangum]	K	S	3 4 26 27 28	31.50
GBT10A-016	Jackson, M. Hunter, D. A.	Lowell Lowell	Daniel Perera	Searching for a Connection Between NGC 1569 and the IC 342 Galaxy Group [M. Jackson]	L	S	1 2 3 5 28	27.50
GBT10A-023	Lorimer, D. Camilo, F. McLaughlin, M.	WVU Columbia WVU	Scott Ransom	Timing seven new pulsars found in a deep Parkes multibeam survey [D. Lorimer]	S	U	9	1.50
GBT10A-028	Crawford, F. Lorimer, D. McLaughlin, M. Faulkner, A. Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Freire, P.	FandM WVU WVU Manchester U Jodrell Bank Manchester U UBC Columbia Instituto di Astrofisica Instituto di Astrofisica Instituto di Astrofisica NAIC	Scott Ransom	The Enigmatic Binary PSR J1723-28: A Baby Millisecond Pulsar? [F. Crawford]	S	U	19 20 21 23	5.50
GBT10A-029	Sakai, N. Shiino, T. Sakai, T.	U Tokyo U Tokyo NAOJ	Jim Braatz	New Carbon-Chain Rich Sources in Lupus [N. Sakai]	K	S	12 14 19 21 22	16.75

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	Hirota, T. Yamamoto, S.	NAOJ-VERA U Tokyo						
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	7 10 19	17.25
GBT10A-046	Agueros, M. Camilo, F. Kilic, M.	Columbia Astrophysics Columbia Ohio State	Scott Ransom	Detecting a Pulsar Companion to a New Extremely Low-Mass White Dwarf, NLTT 11748 [M. Agueros]	3	U	7	2.00
GBT10A-050	Walker, L. Johnson, K. Privon, G. Whelan, D.	UVA UVA UVA UVA	Daniel Perera	HI MASSES OF COMPACT GROUPS OF GALAXIES [L. Walker]	L	S	6 11 15 18 19 21	21.50
GBT10A-059	Courtois, H. Tully, R.B. Fisher, R. Makarov, D. Karachentsev, I.D. Mitronova, S.	Institute for Astronomy Institute for Astronomy NRAO-CV Special AO Special AO Special AO	Ron Maddalena	Bulk motions of filaments in the Local Universe - Flat Galaxies Catalog [H. Courtois]	L	S	10 11 13 14 15 16 17 18 22 23 24	79.00
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	1 7 9 11	9.50
GBT10A-067	Wang, K. Zhang, Q. Liu, H. Caselli, P. Jimenez-Serra, I. Tan, J. Fontani, F. Wu, Y.	CfA CfA CfA U Leeds U Leeds U Florida Obs. Geneve U Peking	Jim Braatz	Turbulence Dissipation and Fragmentation in the Early Phase of Cluster Formation [K. Wang]	K	S	27 28	6.00
GBT10A-068	Appleton, P. N. Darling, J. Cluver, M. Frayar, D.T. Boulanger, F. Guillard, P. Ogle, P.	Caltech U Colorado Caltech NRAO-GB Institut d'Astrophysique Orsay U Caltech	Dave Frayer	Searching for H2O Masers in Shocked H2-Luminous systems [P. N. Appleton]	K	S	7 27	4.25
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	2 9 19 20	18.00
GLST021284	Camilo, F. Ransom, S. Roberts, M.	Columbia NRAO-CV Eureka Scientific	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	4 15 21	9.00

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	McLaughlin, M.	WVU						
Maint	NRAO staff			Maintenance			3 5 6 8 9 12 16 18 24 25	50.75
Tests	Demorest			GUPPI	3	U	2	4.50
Tests	L			TRFI	L		7	1.25
Tests	Incoherent Tests			GUPPI	L	U	8 10	4.75
Tests	NRAO staff			GainCal	KQ		7 8	8.00
Tests	Perera			RCO*3	3	S	18	0.50
Tests	NRAO staff			RFI	X	U	14	1.25
Tests	L			RFI Checkout	LU		5 8 15	2.50
Tests	800			Receiver Checkout	8KB		12 18 25	4.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	594.25 50.75  27.00						

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