

GBT Observing Schedule for September 2009

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	4 7 18 25 26	34.00
BM306	Mioduszewski, A. Torres, R.M. Loinard, L.	NRAO - SOC UNAM Instituto de Astronomia (UNAM, Morelia, Mexico)	Frank Ghigo	Imaging the interacting young binary V773 Tau A/B [A. Mioduszewski]	X	5	27	6.50
GBT04A-003	Curran, S. Whiting, M. Webb, J. Murphy, M. T. Pihlstrom, Y. Wiklund, T. Francis, P.	University of New South Wales Australia Telescope National Facility University of New South Wales Cambridge, University of UNM Space Telescope Science Institute Australian National University	Carl Bignell	Highly Redshifted HI and OH Absorption in Red Quasars [S. Curran]	A	SP	28	2.75
GBT08A-004	Curran, S. Darling, J. Whiting, M. Bolatto, A. Webb, J. Bignell, R.C.	University of New South Wales Colorado at Boulder, University of Australia Telescope National Facility University of California at Berkeley University of New South Wales NRAO - GB	Carl Bignell	OH Absorption In the Lensing and Host Galaxies of J0414+0534 [S. Curran]	4	S	11 13	10.00
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	12 13 14	10.50
GBT08C-014	Camilo, F. Ransom, S. Halpern, J. P. Reynolds, J. E.	Columbia Astrophysics Laboratory NRAO - CV Columbia University Australia Telescope National F	Scott Ransom	Studying the magnetar XTE J1810-197 [F. Camilo]	SXC	G	7 22 28	4.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P. Romani, R. W. Halpern, J. P. Ray, P.S.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory Stanford University Columbia University Naval Research Lab	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	GB	4 5 18 19	8.50
GBT08C-049	Lynch, R. Ransom, S. Freire, P.	Virginia, University of NRAO - CV Arecibo Observatory	Scott Ransom	Timing of Newly Discovered MSPs in the Globular Cluster NGC6517 [R. Lynch]	S	U	10	6.00

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

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O=user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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	Stairs, I.	University of British Columbia						
GBT08C-065	Wolfe, A. M. Jorgenson, R. Robshaw, T. Heiles, C. E. Prochaska, J.	University of California-San D University of California at San Diego University of California at Berkeley University of California University of California	Toney Minter	Search for Zeeman Splitting at High Redshift [A. M. Wolfe]	4	P	12 13	9.50
GBT09A-003	Freire, P. Ransom, S. Lynch, R.	Arecibo Observatory NRAO - CV Virginia, University of	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P. Freire]	S	UG	5	3.00
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	1 8 11	12.00
GBT09A-034	Garcia-Marin, M. Eckart, A. Koenig, S. Fischer, S. Zuther, J. Huchtmeier, W. K. Bertram, T.	University of Cologne Max-Planck-Institut fur Radioa	Jules Harnett	21 cm HI Observations of intermediate-z Clusters of Galaxies [M. Garcia-Marin]	A	S	30	5.50
GBT09B-003	Crawford, F. Lorimer, D. McLaughlin, M. Faulkner, A. Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Gilpin, C.	Haverford College West Virginia University WVU University of Manchester Jodrell Bank Manchester, University of University of British Columbia Columbia Astrophysics Laboratory Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica Osservatorio di Cagliari	Scott Ransom	On the Trail of the Enigmatic Millisecond Binary Pulsar PSR J1723-28 [F. Crawford]	3S	U	26 27	8.00
GBT09B-004	Gwinn, C. R. Johnson, M. Minter, A. Demorest, P. Kondratiev, V. Smirnova, T.	University of California, Sant NRAO - Green Bank UC Berkeley (Physics) West Virginia University	Toney Minter	Noise and Signal in Pulsar Scintillation [C. R. Gwinn]	3	OYM	5	3.00
GBT09B-006	Camilo, F. Ransom, S. Chatterjee, S. Ray, P.S. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV Center for Astrophysics Naval Research Lab West Virginia University	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	13	1.25
GBT09B-013	Aravena, M.	NRAO - Soc	Toney Minter	A search for luminous H2O maser emission in lensed, FIR	C	S	3 4	6.00

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	Wagg, J. Wilner, D. Menten, K. M. Carilli, C. L. Humphreys, E.M.L.	Center for Astrophysics Max-Planck-Institut Fur Radioa NRAO - Socorro Harvard-Smithsonian Center for Astrophysics		luminous QSOs at z~4 [M. Aravena]				
GBT09B-014	Edel, S. Ludovici, D. Lorimer, D. McLaughlin, M. Kondratiev, V. Boyles, J. Ridley, J.	West Virginia University WVU West Virginia University West Virginia University	Scott Ransom	GBT radio monitoring of magnetars [S. Edel]	S	U	13	4.50
GBT09B-015	Armijos, J. Martin-Pintado, J. Requena-Torres, M.A. Martín, S. Rodriguez-Franco, A.	Consejo Superior de Investigaciones (CSIC) Consejo Superior de Investigaciones (CSIC) DAMIR-IEM-CSIC	Jim Braatz	Chemical complexity in the nuclei of galaxies. The nucleus of the Milky way [J. Armijos]	U	S	19 20	6.25
GBT09B-018	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Two Very Dispersed Pulsars Near SgrA*: Continued Timing and Spectrum Estimation [J. Deneva]	S	G	3	1.75
GBT09B-025	Kudo, N. Torii, K. Fukui, Y. Morris, M. R.	Nagoya University UCLA	Jim Braatz	An OH Absorption Line Survey of the Galactic Scale Molecular Loops [N. Kudo]	L	S	1 11 12 14 15	18.00
GBT09B-028	McLaughlin, M. Lyne, A. G. Kramer, M. Miller, J. Lorimer, D. Keane, E.	WVU Manchester, University of Jodrell Bank West Virginia University	Scott Ransom	Timing of New and Old Rotating Radio Transient Sources [M. McLaughlin]	3	U	4	5.50
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 University of British Columbia WVU University of British Columbia Columbia Astrophysics Laboratory Manchester, University of Australia Telescope Istituto Nazionale di Astrofisica Osservatorio di Cagliari Istituto Nazionale di Astrofisica Arecibo Observatory	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L	YB	19	5.50

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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.	Virginia, University of NRAO - CV West Virginia University WVU University of British Columbia McGill University NAIC and Cornell University McGill University West Virginia University West Virginia University ASTRON Eureka Scientific, Inc. University of British Columbia University of British Columbia Cornell University	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19 20 21	4.75
GBT09B-034	Chynoweth, K. Langston, G. I. Holley-Bockelmann, K.	NRAO-GB	Glen Langston	Deep Observations of Possible HVC Analogs in the NGC 2403 Group [K. Chynoweth]	L	S	1 2 3 4	18.00
GBT09B-036	Gao, Y. Riechers, D. Carilli, C. L. Wagg, J.	Chinese Academy of Sciences Max-Planck-Institute for Astronomy, Heidelberg NRAO - Socorro NRAO - Soc	Ron Maddalena	CS(1-0) survey of dense gas at high-redshift [Y. Gao]	UX	S	5 6 7 9 12 18 26 27	46.50
GBT09B-041	Demorest, P. Nice, D. Stairs, I. Ransom, S. Ferdman, R. Lommen, A. Backer, D. C. Gonzalez, M.	UC Berkeley (Physics) Bryn Mawr College University of British Columbia NRAO - CV University of British Columbia Franklin and Marshall College University of California, Berkeley	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	L8	YU	20 25	17.00
GBT09B-042	Joncas, G. Robitaille, J. Lockman, F. J. Marshall, D. Miville-Deschenes, M. Martin, P.G.	Universite Laval NRAO-GB IAS Univ. Paris-Sud University of Toronto	Jay Lockman	Establishing a scenario of molecule formation from high Galactic latitude sites [G. Joncas]	L	S	5 6 8 9 15 16 19 20 21 22 23 24 28	51.50
GBT09B-043	DeCesar, M. Ransom, S. Stairs, I. Lorimer, D. McLaughlin, M.	NRAO - CV University of British Columbia West Virginia University WVU McGill University	Scott Ransom	A Search for Radio Pulsations from Low-Mass X-ray Binaries [M. DeCesar]	S	U	14	1.00

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	Kaspi, V. Archibald, A. van Leeuwen, J. Miller, C.	University of British Columbia University of Maryland						
GBT09B-044	Smith, A. Greaves, J. Jardine, M. Cameron, A. Langston, G. I. Backer, D. C.	Univ. St. Andrews University of St Andrews NRAO-GB University of California, Berkeley	Glen Langston	Cyclotron emission from the exo-planet HD 189733b - copy [A. Smith]	3	M	6 7 8	12.00
GBT09B-045	Lynch, R. Ransom, S.	Virginia, University of NRAO - CV	Scott Ransom	Searching For New Pulsars in Eight Low Metallicity Globular Clusters [R. Lynch]	S	U	17 18	6.00
GLST021224	Tomsick, J.A. Corbel, S. Migliari, S. Pottschmidt, K. Wilms, J. Rodriguez, J. Pooley, G. G.	Calif.-San Diego CEA-Saclay Amsterdam Switzerland Mullard Radio Astronomy Observ		PROBING THE HIGH-ENERGY EMISSION OF MICROQUASARS [S. Corbel]	CX	S	2 9 16 23 30	13.75
Maint	NRAO staff			Maintenance			1 2 3 8 9 10 11 14 15 16 17 21 22 23 24 28 29 30	177.50
Tests	Ghigo			GainCal		S	16 17	9.00
Tests	Hunter Ghigo			HOLO			10 22 23	12.00
Tests	Hunter Ghigo			HalfPower			26 27	2.00
Tests	Shelton			M&C Int			24 29	8.00
Tests	Shelton			M&C Integ			21 23	6.50
Tests	Shelton			M&C Reg			25	6.00
Tests	Hunter Ghigo			OOF			29	3.00
Tests	Hunter Ghigo			Pointing	B	S	17 18	8.00
Tests	NRAO staff			RCO*3	PF1*3	S	4	1.00
Tests	NRAO staff			RCO*4	PF1*4	S	8	1.25

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Tests	NRAO staff			RCO*8	PF1*8	S	16	1.75
Tests	NRAO staff			RCO*A	PF2*A	S	29	1.75
Tests	MAddalena			Scal		S	3	2.00
Tests	Ransom			Tests GUPPI			7 26	8.00
Total Hrs	Astronomy	343.00						
	Maintenance	177.50						
	Un-assigned							
	Tests	70.25						

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