

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
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	11.00
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. Stairs, I.	Virginia, University of NRAO - CV Arecibo Observatory University of British Columbia	Scott Ransom	Timing of Newly Discovered MSPs in the Globular Cluster NGC6517 [R. Lynch]	S	U	10	6.00
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-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.	Haverford College West Virginia University WVU University of Manchester	Scott Ransom	On the Trail of the Enigmatic Millisecond Binary Pulsar PSR J1723-28 [F. Crawford]	3S	U	26 27	8.00

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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	Kramer, M. Lyne, A. G. Stairs, I. Camilo, F. Burgay, M. Possenti, A. D'Amico, N. Gilpin, C.	Jodrell Bank Manchester, University of University of British Columbia Columbia Astrophysics Laboratory Istituto Nazionale di Astrofisica Istituto Nazionale di Astrofisica Osservatorio di Cagliari						
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-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-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-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
GBT09B-031	Lynch, R. Ransom, S. Lorimer, D.	Virginia, University of NRAO - CV West Virginia University	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	19 20 21	4.75

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	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.	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						
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-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 8 9	12.00
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	Ransom			CohDedisp			8 27	7.50
Tests	Ghigo			GainCal		S	3 4	9.75
Tests	Hunter Ghigo			HOLO			10 22 23	12.00

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Tests	Hunter Ghigo			HalfPower			26 27	2.00
Tests	Shelton			M&C Comm	Q		28 29	7.50
Tests	Shelton			M&C Integ			20 23	7.00
Tests	Shelton			M&C Reg			24 25	12.50
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	10	1.25
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
Total Hrs	Astronomy	153.00						
	Maintenance	177.50						
	Un-assigned							
	Tests	77.00						

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