

GBT Observing Schedule for August 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	8 14 15 21 28 29	33.50
BB268	Brunthaler, A. Sjouwerman, L. Garrett, M.A. Loinard, L.	MPIfR NRAO - AOC Socorro JIVE Instituto de Astronomia (UNAM, Morelia, Mexico)	Jules Harnett	Detecting the nucleus of M31 [A. Brunthaler]	C	5	1 2 18	18.50
BM290	Miller-Jones, J. Rupen, M. P. Mioduszewski, A. Dhawan, V. Gallo, E. Jonker, P.G. Briskin, W.F.	Oxford NRAO - SOC NRAO - SOC NRAO-SOC UC Santa Barbara CfA NRAO - SOC	Frank Ghigo	A direct geometric distance to a quiescent black hole X-ray binary [J. Miller-Jones]	X	5	26 27	5.50
BP157	Peterson, W. Mutel, R. L. Goss, W. M.	University of Iowa NRAO-SOC	Jules Harnett	Confirmation of Large Coronal Loops on an RS CVN Binary [W. Peterson]	U	5	20 21	10.00
GBT07A-087	Demorest, P. Jacoby, B.A. Ferdman, R. Backer, D. C. Stairs, I. Nice, D. Lommen, A. Ransom, S. Bailes, M. Cognard, I	UC Berkeley (Physics) Naval Research Lab University of British Columbia University of California, Berkeley University of British Columbia Bryn Mawr College Franklin and Marshall College NRAO - CV Swinburne University of Technology CNRS-Orleans	Scott Ransom	Detecting nHz Gravitational Radiation using a Pulsar Timing Array [P. Demorest]	8L	YR	22 23	15.00
GBT07C-013	Kanekar, N. Chengalur, J.	NRAO-AOC NCRA (TIFR)	Frank Ghigo	Conjugate OH lines in the z ~ 0.886 gravitational lens towards 1830-21 [N. Kanekar]	8	S	1	1.00
GBT08B-049	Butler, B. Bussey, B.	NRAO-Soc	Frank Ghigo	Observations of the Chandrayaan-1 and Lunar Reconnaissance Orbiter Spacecraft [B. Butler]	S	P	15	6.00
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]	S	G	9 23	1.50
GBT08C-023	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M. Arzoumanian, Z. Freire, P.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU NASA/GSFC Arecibo Observatory	Scott Ransom	GLAST timing at GBT: six key radio-faint pulsars [F. Camilo]	S8	GB	7 19 21 22	8.50

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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	Romani, R. W. Halpern, J. P. Ray, P.S.	Stanford University Columbia University Naval Research Lab						
GBT08C-076	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	NRAO - CV Arecibo Observatory University of British Columbia ASTRON Virginia, University of	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	G	4 5 13 14	16.75
GBT09A-058	Rosen, R. McLaughlin, M. Lorimer, D. Heatherly, S.	North Carolina, University of WVU West Virginia University NRAO-GB	Scott Ransom	Confirmation Observations of New Pulsars Discovered by the PSC [R. Rosen]	3	G	8	2.00
GBT09A-070	Butler, B. Bussey, B. Carter, L.	NRAO-Soc Smithsonian Institution	Frank Ghigo	Calibrating the Transmitted Radar Signal from the LRO Spacecraft [B. Butler]	S	P	21	2.25
GBT09A-093	Heatherly, S. Rosen, R.	NRAO-GB North Carolina, University of	Rachel Rosen	Educational Projects on the GBT [S. Heatherly]	LCX	SD	9 10	11.75
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	16	2.00
GBT09B-013	Aravena, M. Wagg, J. Wilner, D. Menten, K. M. Carilli, C. L. Humphreys, E.M.L.	NRAO - Soc Center for Astrophysics Max-Planck-Institut Fur Radioa NRAO - Socorro Harvard-Smithsonian Center for Astrophysics	Toney Minter	A search for luminous H2O maser emission in lensed, FIR luminous QSOs at z~4 [M. Aravena]	C	S	1	2.75
GBT09B-017	Deneva, J. Cordes, J. M. Lazio, T.J.W.	Cornell University NAIC and Cornell University Naval Research Laboratory	Scott Ransom	Are the Arches and Quintuplet Clusters Pulsar Nurseries? [J. Deneva]	S	G	15	3.00
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	7	5.50
GBT09B-029	Kramer, M. Stairs, I.	Jodrell Bank University of British Columbia	Scott Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	8	YB	16	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	Scott Ransom	Timing the New GBT 350 MHz Drift Scan Pulsars [R. Lynch]	8	U	25 26	4.75
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	1	4.50
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	8 9 11	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 3 5 6 12 20 25	13.75

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Maint	NRAO staff			Maintenance			3 4 5 6 10 11 12 13 17 18 19 20 24 25 26 27 31	178.50
Tests	Ransom			CoherentDedisp			3 17 27	11.00
Tests	Hunter Ghigo			Gain curve			16 17	8.00
Tests	Hunter Ghigo			HOLO			3 18 30	18.00
Tests	Shelton			M&C Comm			15 16	8.00
Tests	Shelton			M&C Integ			6 12	7.75
Tests	Shelton			M&C Reg			14	6.00
Tests	Hunter Ghigo			Servo			9	4.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	187.75 178.50 63.00						

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