

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 13 14 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
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
GBT08A-085	Maan, Y. Deshpande, A.A.	Arecibo Observatory	Karen O'Neil	"Tomography" of Pulsar Polar Emission Region [Y. Maan]	R	O	27 28 29	23.75
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. 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	7 19 21 22	8.50
GBT08C-076	Ransom, S. Freire, P. Stairs, I. Hessels, J. W. T.	NRAO - CV Arecibo Observatory University of British Columbia ASTRON	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge Globular Clusters [S. Ransom]	S	G	4 5 14 15	17.50

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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	Lynch, R.	Virginia, University of						
GBT09A-002	Anderson, L. Bania, T. M. Balsler, D.S. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	Discovering Milky Way HII Regions [L. Anderson]	X	DS	6	3.00
GBT09A-007	Lockman, F. J. Burton, W. B.	NRAO-GB	Jay Lockman	Straightening Out the Galactic Warp [F. J. Lockman]	L	S	24 25 29 30 31	15.75
GBT09A-046	Chynoweth, K. Langston, G. I. Holley-Bockelmann , K.	NRAO-GB	Glen Langston	A Search for Faint Extended HI in Nearby Galaxy Groups - copy [K. Chynoweth]	L	S	4 6 12 13 15 18 19 20 23 29	40.75
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]	38	G	8 22	6.00
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	13.50
GBT09A-095	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	Searching for Variability in PSR J0348+04 [R. Lynch]	3S	U	18 19	6.00
GBT09B-001	Bania, T. M. Balsler, D.S. Anderson, L. Rood, R. T.	Boston University NRAO - Green Bank University of Virginia	Dana Balsler	Searching for Star Formation in the 3 kpc Arm [T. M. Bania]	X	SD	27 28	8.25
GBT09B-002	Anderson, L. Bania, T. M.	Boston University _NRAO - Green Bank	Dana Balsler	Discovering Milky Way HII Regions [L. Anderson]	X	DS	3 4 5 10 11 17 18	14.00

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	Balser, D.S. Rood, R. T.	University of Virginia						
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-010	Remijan, A. Meier, D.S. Stork, Wilmer	National Radio Astronomy Observatory National Radio Astronomy Observatory Parkland College	Tony Remijan	Surveying Cyanoformaldehyde (CNCHO) in Galactic Environments [A. Remijan]	X	S	20	3.50
GBT09B-012	Rudnick, L. Farnsworth, D. Brown, S.	University of Minnesota University of Minnesota University of Minnesota	Jules Harnett	Relativistic Probes of the WHIM (redux) [L. Rudnick]	L	S	1 2 7 8 9 14 15	36.00
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-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	1 11 16 26	12.00
GBT09B-016	Pisano, D.J.	NRAO-GB	D.J. Pisano	Searching for low column density HI around NGC 2997 and NGC 6946 [D.J. Pisano]	L	S	1	3.00
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]	XS	G	2 3	3.75
GBT09B-023	Ray, P.S. Camilo, F. Ransom, S. Roberts, M.	Naval Research Lab Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc.	Scott Ransom	Search for Radio Pulsations from Gamma-Ray Pulsars Discovered with Fermi [P.S. Ray]	8S	U	2 3 22 23	10.25
GBT09B-024	Ransom, S. Camilo, F.	NRAO - CV Columbia Astrophysics Laboratory	Scott Ransom	Searching for Radio Pulsars in Fermi Bright Unidentified Sources [S. Ransom]	8	U	12 13	6.00

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	Ray, P.S. Roberts, M.	Naval Research Lab Eureka Scientific, Inc.						
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	2 3 12 18 19 20 21	14.00
GBT09B-026	Demorest, P. Walker, M.A. van Straten, W. Karastergiou, Aris	UC Berkeley (Physics) Research Centre for Theoretica Brownsville, University of Texas at University of Oxford	Scott Ransom	Cyclic Spectroscopy of Three Pulsars [P. Demorest]	3	Y	6 7	8.00
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	7	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]	8	YB	16	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.	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	24 26	4.75

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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	8 9 22 23 24 25 26 29 30 31	54.50
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-040	Kanekar, N. Wagg, J. Carilli, C. L.	NRAO-AOC NRAO - Soc NRAO - Socorro	Ron Maddalena	A search for CS 1-0 emission at high redshifts [N. Kanekar]	U	S	31	3.00
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	30	3.00
GBT09B-043	DeCesar, M. Ransom, S. Stairs, I. Lorimer, D. McLaughlin, M. Kaspi, V. Archibald, A. van Leeuwen, J. Miller, C.	NRAO - CV University of British Columbia West Virginia University WVU McGill University University of British Columbia University of Maryland	Scott Ransom	A Search for Radio Pulsations from Low-Mass X-ray Binaries [M. DeCesar]	S	U	18 19 22	8.00
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	8 9 11	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	19 20 25	6.25
GBT09B-046	Impellizzeri, C.M.V. Henkel, C. Roy, A. L. Braatz, J. A. Leurini, S. Menten, K. M.	NRAO Max-Planck-Institut fur Radioa MPIfR NRAO - CV MPIfR Max-Planck-Institut Fur Radioa	Jim Braatz	Tracing the Physical Conditions in NGC 3079 and Mrk 348 with Methanol [C.M.V. Impellizzeri]	U	S	1 5	10.25
GLST021224	Tomsick, J.A. Corbel, S.	Calif.-San Diego CEA-Saclay		PROBING THE HIGH-ENERGY EMISSION OF MICROQUASARS [S. Corbel]	CX	S	5 6	2.75

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	Migliari, S. Pottschmidt, K. Wilms, J. Rodriguez, J. Pooley, G. G.	Amsterdam Switzerland Mullard Radio Astronomy Observ						
Maint	NRAO staff			Maintenance			3 4 5 6 10 11 12 13 17 18 19 20 24 25 26 27 31	178.50
Tests	Hunter Ghigo			Gain curve			16 17	8.00
Tests	Hunter Ghigo			HOLO			3 16 30	18.00
Tests	Hunter Ghigo			HalfPower	Q	S	6	2.00
Tests	Shelton			M&C Comm			15	0.50
Tests	Shelton			M&C Int			17	4.00
Tests	Shelton			M&C Integ			10 12	7.75
Tests	Shelton			M&C Reg			14	5.25
Tests	Hunter Ghigo			OOF	Q	S	10	3.50
Tests	NRAO staff			RCO*3	PF1*3	S	5	1.50
Tests	NRAO staff			RCO*8	PF1*8	S	14	1.50
Tests	Hunter Ghigo			Servo			9	4.25
Tests	Ransom			Tests GUPPI			7 23 24 27	11.25
Total Hrs	Astronomy Maintenance Un-assigned Tests	468.00 178.50 67.50						

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