

GBT Observing Schedule for November 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	2 3 9 10 16 17 22 23 24 25	68.00
BB261	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.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	5	28 29 30	25.00
BM290	Miller-Jones, J. Rupen, M. P. Mioduszewski, A. Dhawan, V. Gallo, E. Jonker, P.G. Brisken, 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	21	5.50
GB065	Bach, U. Kirchbaum, T.P. Middelberg, E. Alef, W. Witzel, A. Zensus, J. A. Bach, U. Krichbaum, T.P. Middelberg, E. Alef, W. Witzel, A. Zensus, J. A.	Osservatoria Astronomico di Torino MPIfR ATNF Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa MPIfR Osservatoria Astronomico di Torino Max-Planck-Institut fur Radioa ATNF Max-Planck-Institut Fur Radioa Max-Planck-Institut fur Radioa MPIfR		Resolving the jets in Cygnus A [U. Bach]	Q	5	11 12	15.00
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.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	1 30	19.00
GBT09A-003	Freire, P.	Arecibo Observatory	Scott Ransom	Timing the pulsars in M62, NGC 6544 and NGC 6624 [P.	S	UG	8	3.00

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

* [] indicates secondary project; () indicates primary project

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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	Ransom, S. Lynch, R.	NRAO - CV Virginia, University of		Freire]				
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	14	1.25
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]	8L	YB	20 21 22	24.75
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	20	4.50
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	19 22	17.00
GBT09C-014	Camilo, F.	Columbia Astrophysics Laboratory	Scott Ransom	The energetic pulsar J1747-2809 in the supernova	S	U	25	1.75

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	Ransom, S. Gaensler, B.M. Lorimer, D.	NRAO - CV CFA West Virginia University		remnant G0.9+0.1 [F. Camilo]				
GBT09C-058	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	U	7 13	17.00
GLST021284	Camilo, F. Ransom, S. Roberts, M. McLaughlin, M.	Columbia Astrophysics Laboratory NRAO - CV Eureka Scientific, Inc. WVU	Scott Ransom	GREEN BANK TELESCOPE TIMING OF KEY FERMI PULSARS [F. Camilo]	S8	UG	14 15 27	9.00
Comm	NRAO staff			RCO M	M		4	1.50
Comm	NRAO staff			RCO*3	PF1*3		24	0.50
Comm	NRAO staff			RCO*6	PF1*6		4	1.50
Comm	NRAO staff			RCO*8	PF1*8		12	1.50
Shutdown	NRAO staff			Thanksgiving holiday			25 26 27	36.00
Maint	NRAO staff			Maintenance			4 6 12 18 23 24	51.00
Setup	NRAO staff			Observation setup			5	6.50
Tests	Harris & Watts			BZ tests	B	Z	10	3.50
Tests	Ransom & Ford			GUPPI			10	2.00
Tests	Ghigo			GainCal			1 2	10.00
Tests	Hunter			HOLO			3 4	6.00
Tests	Shelton			M&C Integ			5 10 19	11.50
Tests	Shelton			M&C Reg			14	6.00
Tests	Hunter			OOF			4	3.50
Tests	Hunter			Quadrant detector			20	1.75
Tests	Maddalena			Scal			25	2.75

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Tests	Hunter			Servo			30	4.00
Tests	NRAO staff			Shutdown			25	1.00
Tests	NRAO staff			Startup			27	2.00
Tests	White & Langston			Test map for KFPA			27	5.50
Total Hrs	Shutdown	36.00						
	Astronomy	210.75						
	Setup	6.50						
	Commissioning	5.00						
	Maintenance	51.00						
	Un-assigned	2.00						
	Tests	59.50						

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