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 5 9 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	(13 15 25 28 29)	(62.50)
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.	Osservatoria Astronomico di Torino MPIfR 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. Impellizzeri, C.M.V.	NRAO - CV NRAO-CV CfA Max-Planck-Institut fur Radioa NRAO-CV Center for Astrophysics ASIAA Johns Hopkins Cornell Dept. of Astronomy NRAO	Jim Braatz	The Megamaser Cosmology Project: Year 2 [J. A. Braatz]	K	S	7 15 16 17 18	24.25
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	20	3.00
GBT09B-006	Camilo, F. Ransom, S.	Columbia Astrophysics Laboratory NRAO - CV	Scott Ransom	Three newly discovered pulsars [F. Camilo]	S	U	14	1.25

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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	Chatterjee, S. Ray, P.S. Lorimer, D.	Center for Astrophysics Naval Research Lab West Virginia University						
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	19 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 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	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. Ransom, S. Gaensler, B.M. Lorimer, D.	Columbia Astrophysics Laboratory NRAO - CV CFA West Virginia University	Scott Ransom	The energetic pulsar J1747-2809 in the supernova remnant G0.9+0.1 [F. Camilo]	S	U	21	1.75
GBT09C-058	Ransom, S.	NRAO - CV	Scott Ransom	Long Term Timing of 55 Recycled Pulsars in Bulge	S	U	1 7	17.00

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	Freire, P. Stairs, I. Hessels, J. W. T. Lynch, R.	Arecibo Observatory University of British Columbia ASTRON Virginia, University of		Globular Clusters [S. Ransom]				
GBT09C-063	Jensen, E.		Toney Minter	Faraday Rotation of MESSENGER CF During Superior Conjunction [E. Jensen]	X	P	8	10.50
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
GV020	Vlemmings, W. Kramer, M. Freire, P. van Langevelde, H.J.	Argelander-Institut fuer Astronomie Jodrell Bank Arecibo Observatory Joint Institute for VLBI in Eu		Millisecond pulsar proper motions: VLBI mapping of the Globular Cluster M15 [W. Vlemmings]	L	5	10	6.50
Comm	Minter			RCO	3		24	0.50
Shutdown	NRAO staff			Thanksgiving holiday			25 26 27	36.00
Maint	NRAO staff			Maintenance			4 6 12 18 23 24	51.00
Tests	Harris			BZ tests	B	Z	10	3.50
Tests	Ransom			GUPPI	S		10 11	4.00
Tests	Ghigo			GainCal	L		1 2	10.00
Tests	Hunter			HOLO	LX		3 4	6.00
Tests	Shelton			M&C Integ	L		5 10 19	12.00
Tests	Shelton			M&C Reg	L		14	6.00
Tests	Mason			Mustang	M		4	3.00
Tests	Hunter			OOF	Q		4	3.50
Tests	Hunter			Quadrant detector	X		20	1.75
Tests	Minter			RCO	68	S	4 12	2.50
Tests	Minter			Scal	L		23	3.00

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Tests	Hunter			Servo	X		30	4.00
Tests	Minter			Shutdown	L		25	1.00
Tests	Minter			Startup	L		27	2.00
Tests	Langston			Test map for KFPA	K		27	5.50
Total Hrs	Shutdown	36.00						
	Astronomy	270.50						
	Commissioning	0.50						
	Maintenance	51.00						
	Un-assigned							
	Tests	67.75						

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