

Monday Jan. 9	TITLE	Presenter	LOCATION
9-10AM	iPosters: SPECIAL SESSION New Windows onto the Universe: Asteroids, Exotic Stars, Gaseous Filaments and More		Exhibit Hall 4AB
	101.01 The GBT: An Overview & Look to the Future	Karen O'Neil	
	101.02 Bring a 20-Meter Radio Telescope into your Classroom	Will Armentrout	
	101.03 A Potential Technique for Adjusting the Surface of the GBT for High-Frequency Daytime Observing	Ron Maddalena	
	101.04 The Green Bank Telescope 0.7-4 GHz Ultra-wideband Receiver	Ryan Lynch	
	104.11 The Next Generation Planetary Radar System on the Green Bank Telescope	Patrick Taylor	
9-10AM	iPoster 106.11 Understanding Steps to Star Formation through Non-Thermal Velocity Dispersion	Catalina Zamora	Exhibit Hall 4AB
10-10:10AM	TALK 111.01 How Host-Galaxy Properties Influence Jet Formation in Hybrid Morphology Radio Sources	Victoria Catlett	Ballroom 6E
10:10-10:30AM	TALK 122.02D The Past, Present, and Groundbreaking Future of OH Megamaser Discoveries	Hayley Roberts	Room 615
2:20-3:20PM	TALK 155.03 Increasing the Chemical complexity in the Galactic Center	Miguel Angel Requena Torres	3B
2-3:30PM	SPECIAL SESSION: New Windows onto the Universe: Asteroids, Exotic Stars, Gaseous Filaments and More		Room 605/610
2-2:12PM	139.01 Mapping diffuse HI in and around nearby galaxies with the GBT	Kristine Spekkens	
2:12-2:24PM	139.02 Beyond MUSTANG2 – making full use of the Green Bank Telescopes High frequency abilities.	Simon Dicker	
2:24-2:36PM	139.03 From clouds to filaments to cores: probing the early stages of star formation with the Green Bank Telescope	Rachel Friesen	
2:36-2:48PM	139.04 Next Generation Planetary Radar with the Green Bank Telescope	Patrick Taylor	
2:48-3PM	139.05 The Next Generation of Exotic Compact Object Astrophysics with the GBT's Ultra-Wideband Receiver	Thankful Cromartie	
3-3:12PM	139.06 Science opportunities at 3 mm with Argus144: The Future of wide-field, high-resolution gas mapping	Anika Schmiedeke	
3:12-3:24	139.07 New Windows onto Technosignatures with GBT	Steve Croft	
5:30-6:30PM	iPoster 171.02 The Undergraduate ALFALFA Team: A Model for Building an Undergraduate Research and Faculty Development Community in Extragalactic Radio Astronomy	Joseph Ribaldo	Exhibit Hall 4AB
	iPoster 171.01 The NANOGrav Student Teams of Astrophysics ResearcherS (STARS) Program	Fronefield Crawford	

Tuesday Jan. 10	TITLE	Presenter	LOCATION
9-10AM	iPoster 205.21 A Balanced Correlation Receiver	David Bordenave	Exhibit Hall 4AB
	iPoster 208.09 A Component of the Smith High Velocity Cloud Now be Crossing the Galactic Plane	Jay Lockman	
	iPoster 211.01 The Effect of Spiral Arms on Molecular Cloud Formation in M33	Courtney Carreira	
10:15 AM	PRESS CONFERENCE The Next Generation Planetary Radar System on the Green Bank Telescope	Patrick Taylor	Room 307/308
10:30-10:40AM	TALK 221.04 SPS and Sigma Pi Sigma: The Physics and Astronomy Societies	Victoria Catlett	Room 607
11-11:10AM	TALK 235.07 The GBT Diffuse Ionized Gas Survey (GDIGS): Discrete Sources	Matteo Luisi	3B
2:10-2:30PM	TALK 241.02 The Complex Chemistry and Evolution of Low-mass Starless and Prestellar Cores in the Taurus Molecular Cloud	Samantha Scibelli	Ballroom 6C
3-3:10PM	TALK 241.07 Probing Kinematics of Perseus Protostars with N ₂ H ⁺	Erica Behrens	
5:30-6:30PM	iPoster 271.01 Helium ionization in the diffuse ionized region toward Cygnus X: Imaging the continuum emission from the ionized gas with the 12m telescope at Arecibo Observatory	Julian Ramos	Exhibit Hall 4AB
	iPoster 271.02 Helium ionization in diffuse ionized regions near the Galactic plane: A case study toward Cygnus X region	D. A. Roshi	
	iPoster 271.03 Mapping Diffuse Ionized Gas around the W43 region using the GBT	Corvus Koithan	
	iPoster 272.03 The Smith Stellar Shop: Tracing the Ionization Conditions of the Smith Cloud on its Approach to the Milky Way	Jo Vazquez	
	iPoster 279.07 Searching in HI for Massive Low Surface Brightness Galaxies	Karen O'Neil	
	iPoster 279.08 Where do the Disks of Nearby, Massive Spiral Galaxies End?	Michael Hardegree- Ullman	
6:30-8:30PM	TOWN HALL NRAO	NRAO	Ballroom 6A

WEDNESDAY JAN.11	TITLE	Presenter	LOCATION
9-10AM	iPoster 306.06 Green Bank Telescope 21-cm Observations of Galaxies with Supernova Distances	Shannon Markward	Exhibit Hall 4AB
	iPoster 305.03 Analyzing the Performance of the GBO CHIME Outrigger GPS timing system	Audrey Zinn	
10:40-10:50AM	TALK 309.05 A deep-learning search for technosignatures from 820 nearby stars	X. Ma	Ballroom 6C
11-11:10AM	TALK 309.07 Breakthrough Listen on the Green Bank Telescope - Big Data SETI with a Big Dish	Steve Croft	Ballroom 6C
11:10-11:20AM	TALK 309.08 The Breakthrough Listen Search for Intelligent Life: Technosignature Search of Galactic Targets	Carmen Choza	Ballroom 6C
2:10-2:20PM	TALK 340.02 The Low Metallicities of Compact High-Velocity Clouds	Trisha Ashley	Room 607
3:10-3:20PM	TALK 340.06 Milky Way Structure Revealed by Galactic HII Regions	Trey Wenger	Room 607
5:30-6:30PM	iPoster 362.06 Interactive Dashboard of Green Bank Telescope Antenna Data	Elizabeth Lowe	Exhibit Hall 4AB
	iPoster 365.06 New RFI-Scan Access Tools for Green Bank Observatory	Brenne Gregory Kasey Purcell	
	iPoster 365.08 Keeping the NRQZ Safe for Astronomy	Sheldon Wasik	
	iPoster 363.02 A Technosignature Follow-Up Search for Two Kepler Planets with the Allen Telescope Array	Alanice Agosto Reyes	
	iPoster 361.07 Exploring the Evolutionary Pathway of the Gas-Rich, Extremely Metal-Poor Galaxy J1005+3722	Joseph Breneman	

THURSDAY JAN.12	TITLE	Presenter	LOCATION
9AM-10AM	iPoster 411.01 Searching for Molecules in the Smith Cloud	Toney Minter, Jay Lockman	Exhibit Hall 4AB
10-11:30AM	TALK 435.08 Dispersion Measure Mis-Estimation with Varying Bandwidths	Sofia Sosa	3B
10:30-10:50AM	TALK 417.03D Impact of Radio Frequency Interference and Real-Time Spectral Kurtosis Mitigation	Evan Smith	6E
1-2PM	iPoster 468.03 Mapping Neutral Carbon Across the Outer Layers of the Helix Nebula using the Atacama Compact Array	Lucy Steffes	Exhibit Hall 4AB
	iPoster 468.01 3mm Radiation Diagnostics: An Extensive Molecular Chemistry Survey of Planetary Nebula NGC 7027	Jesse Bublitz	
	iPoster 460.16 Comparing the Radio Morphology of AGN in Relaxed and Merging Clusters at Low Redshift	Mary Rickel	
2-2:10PM	TALK 440.01 A Search for Radio Technosignatures at the Solar Gravitational Lens Targeting Alpha Centauri	Nicholas Tusay	Ballroom 6C
2:10-2:20PM	TALK 440.02 A search for technosignatures around nearly 10,000 stars with the Green Bank Telescope at 1.15-1.73 GHz	Jean Luc Margot	
2:20-2:30PM	TALK 440.03 On Detecting Interstellar Scintillation in Narrowband Radio SETI	Bryan Brycki	
2:40- 2:50PM	TALK 440.05 "Are We Alone in the Universe?" - A Citizen Science Collaboration	Megan Li, Jean Luc Margot	
2:40-3PM	TALK 438.06 A Multiwavelength Characterization of the Guitar Nebula and Its Radio Pulsar	Timothy Dolch	6A