

## Monday, June 13

### 9-10 AM PT [Pulsars, Radio Transients, & Pulsar Wind Nebulae — iPoster Session](#)

Hall A/B

- **102.01 Binary Millisecond Pulsar Mass Measurements from the NANOGrav 15-year Data Set** H. T. Cromartie, Cornell University; E. Fonseca, West Virginia University; J. Swiggum, Lafayette College
- **102.02 A 4 – 8 GHz Search for Fast Transients at the Galactic Center** A. Suresh, Cornell University; J. Cordes, Cornell University; S. Chatterjee, Cornell University; V. Gajjar, UC Berkeley
- **102.08 Using GREENBURST to find Astrophysical Radio Pulses** J. Stanley, West Virginia University; S. Paine, Macalester College; D. Lorimer, West Virginia University

### 9-10 AM PT [Molecular Clouds and the ISM — iPoster Session](#)

Hall A/B

- **105.02 Distribution and dynamics of ionized gas in the Cygnus X massive star-forming complex** R. Owens, University of Cincinnati; L. Anderson, West Virginia University.
- **105.09 Tracing OH absorption to illuminate H<sub>2</sub> along the line of sight to Cassiopeia A** R. Polen, Randolph-Macon College; P. Salas, Green Bank Observatory

### 9-10 AM PT [Star Formation — iPoster Session](#)

Hall A/B

- **103.10 Investigating Triggered Star Formation in Bright-Rimmed Cloud SFO 14 C.** Finley, Villanova University; L. Morgan, Green Bank Observatory

### 10-11:30 AM PT [Spiral Galaxies](#)

- **113.03 The Relationship Between <sup>13</sup>CO/C<sup>18</sup>O and Star Formation Rate Surface Density** M. Newman, Louisiana State University; A. Kepley, National Radio Astronomy Observatory

### 2-3:30 PM PT [Molecular Cloud Chemistry](#)

Cypress Room

- **135.06 An ALMA Spectral Line Survey of Globules B and C in the Helix Nebula** L. Steffes, University of Wisconsin- Madison; J. Bublitz, Green Bank Observatory

### 5:30 6:30 PM PT [Galaxy Clusters/Large Scale Structure, Cosmic Distance — iPoster Session](#)

Hall A/B

- **139.06 Pressure Profiles from Improved Noise Quantification** D. Hancock, Bridgewater College; C. Romero, Center for Astrophysics.

## Tuesday, June 14

### 2-3:30 PM PT [Pulsars and Radio Transients](#)

Ballroom C

- **226.02 Exploring the Timing Properties of Transient Radio Pulsars using the Green Bank Telescope** E. Lewis, West Virginia University; M. McLaughlin, West Virginia University

2-3:30 PM PT [Technology, Policy, and the Search for Life](#)

- **233.01 The Breakthrough Listen Green Bank Telescope Technosignature Search of TESS Targets of Interest** R. Traas, University of Wisconsin, La Crosse

5:30-6:30 PM PT [New Approaches — iPoster Session](#)

Hall A/B

- **244.09 Assessment of the GBT as a short spacing provider for ngVLA Science Programs** W. Armentrout, Green Bank Observatory; B. Mason, NRAO; K. O'Neil, Green Bank Observatory; D. Frayer, Green Bank Observatory; J. Jackson, Green Bank Observatory

### Wednesday, June 15

10-11:30 AM PT [College Education and Outreach Programs](#)

Ballroom F

- **315.01 The Student Teams of Astrophysics ResearcherS (STARS) Undergraduate Program in the North American Nanohertz Observatory for Gravitational Waves** T. Dolch, Hillsdale College; F. Crawford, Franklin & Marshall College; H. Wahl, American Astronomical Society (AAS)/West Virginia University; P. Baker, Widener University; B. Christy, Notre Dame of Maryland University; M. DeCesar, George Mason University; M. Girona, Franklin & Marshall College; D. Kaplan, University of Wisconsin, Milwaukee; J. Key, University of Washington, Bothell; M. Lam, Rochester Institute of Technology; Y. Lin, Franklin & Marshall College; M. McLaughlin, West Virginia University; Z. Nusbickel, Franklin & Marshall College; S. Roch, University of Wisconsin, Milwaukee; X. Siemens, Oregon State University; S. Taylor, Vanderbilt University; S. Vigeland, University of Wisconsin, Milwaukee; L. Wade, Kenyon College; M. Wade, Kenyon College; N. West, Hillsdale College; C. Ye, Eastlake High School

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2-3:30 PM PT [Molecular Clouds, HII Regions, and the ISM II](#)

Ballroom E

- **333.07 Can Formaldehyde Absorption Measurements Resolve the Kinematic Distance Ambiguity?** M. Luisi, Westminster College; L. Anderson, West Virginia University; B. Liu, National Astronomical Observatories, Chinese Academy of Sciences; D. Balser, National Radio Astronomy Observatory (NRAO); T. Bania, Boston University; T. Wenger, Dominion Radio Astrophysical Observatory; L. Haffner, Embry-Riddle Aeronautical University / Space Science Institute.

### Thursday, June 16

2-3:30 PM PT [Intergalactic Medium, QSO Absorption Line Systems](#)

- **427.01 A new HI map of the inner circumgalactic medium of M31** K. Palencia-Torres, University of Puerto Rico at Mayaguez; D. Pisano, University of Cape Town; F. Lockman,

Green Bank Observatory; J. Howk, University of Notre Dame; N. Lehner, Univ. Of Notre Dame; T. Jarrett, University of Cape Town.