

SATURDAY MAY 25

The meeting will be available for remote participants through Zoom. Meeting ID: 720 654 619.
<https://nanograv.zoom.us/j/720654619> or dial +1 646 558 8656.

08:30 – 09:00

Welcome & coffee (Wright W209)

Wright W201. Chair: Brody Wilson

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| 09:00 | Jason Stalnaker (<i>Chair, Physics & Astronomy Department, Oberlin College</i>)
Welcome |
| 09:05 | Joel Weisberg (<i>Department of Physics & Astronomy, Carleton College</i>)
The history of Dan Stinebring |
| 09:17 | Stella Ocker '18
Characterizing the Interstellar Medium beyond the Galactic Plane |
| 09:29 | Jacob Turner '17
Measuring the Effects of Interstellar Scattering in Millisecond Pulsars |
| 09:41 | Tim Dolch (<i>Department of Physics, Hillsdale College</i>)
There and Back Again: How the Stinebring Pulsar Lab Taught Me the Art of Growing a Student Research Group |
| 09:53 | Alex Hill '04
Warm ionized gas with pulsars and beyond |
| 10:05 | Michael Faison '94
Teaching Science with Liberal Arts Accent: the Influence of Oberlin (and Dan) on My Career in Astronomy |
| 10:17 | Curtis Asplund '05
Learning community values at Oberlin and in the Stinebring lab |

10:30 – 11:00

Coffee break: Wright W209

Wright W201. Chair: Miranda Balkin

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| 11:00 | Barney Ricket (<i>Electrical and Computer Engineering, UC San Diego</i>) (<i>remote</i>)
TBA |
| 11:05 | Naomi McClure-Griffiths '97 (<i>remote</i>)
TBA |
| 11:10 | Brody Wilson '02
Managing IBM's Energy Use Globally |
| 11:22 | Jennifer Hampton '95
Measuring Electrochemical Reactions with AC Circuits |
| 11:34 | Daniel Berwick '05
Quantum math |
| 11:46 | Ilana Percher '04
Superconductivity and quantum phase transitions |
| 11:58 | <i>Stretch legs</i> |

Wright W201. Chair: Jennifer Hampton

- 12:00 **Joshua Kempner '97**
Physics in Biotech: Multi-Spectral Imaging and Diffuse Fluorescence Tomography
in Animal Models of Human Diseases
- 12:12 **Adam Jussila '18**
From physics to biology
- 12:24 **Mark Kramer '01** (*remote*)
From pulsars to neuroscience
- 12:36 **Matt Trawick '91**
Atoms, Crystals, and Polymer Chains: simulating grain boundary motion in various
2D systems
- 12:48 **Dan Stinebring**
Concluding remarks
- ≈ 13:00 *Conclude*
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