



Department of Physics and Astronomy

## Colloquia Schedule

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**Time and location:** Tuesdays at 4:10 pm in Webster B17 on the Pullman campus of Washington State University, unless otherwise noted.

**Come meet the speaker over coffee & cookies at 3:45 pm in Concourse on the Ground floor..**

<b>Date</b>	<b>Speaker and Talk Title</b>	<b>Host</b>
<b>January 10</b>	<b>Vito Scarola</b> , Virginia Tech, Physics Department Abstract Title: <a href="#">Strongly Correlated Atoms in Optical Lattices</a>	Chuanwei Zhang
<b>January 24</b>	<b>Guy Worthey</b> , Washington State University, Department of Physics & Astronomy, Abstract Title: <a href="#">Star Clusters: Cosmic Cauldrons of Creation</a>	Matthew Duez
<b>January 31</b>	<b>Gary Collins</b> , Washington State University, Department of Physics & Astronomy, Abstract Title: <a href="#">The solubility of indium in liquid and solid gallium</a>	Matthew Duez
<b>February 7</b>	<b>Andrew Wilson</b> , National Institute of Standards and Technology Abstract Title: <a href="#">Micro-fabricated Ion Traps Ions for Quantum Information Processing</a>	Peter Engels
<b>February 14</b>	<b>Erin K. S. Hicks</b> , University of Washington, Department of Astronomy Abstract Title: <a href="#">What Fuels the Growth of Local Supermassive Black Holes?</a>	Doerte Blume
<b>February 21</b>	<b>Santanu Chaudhuri</b> , Washington State University, Institute for Shock Physics Abstract Title: <a href="#">Materials Discovery using Multiscale-Multiphysics Simulations</a>	Matthew Duez

<b>March 5 (Monday)</b>	<b>Yosef Zlochower</b> , Rochester Institute of Technology, Center for Computational Relativity and Gravitation Abstract Title: <a href="#">Numerical Simulations of Black-Hole Mergers</a>	Matthew Duez
<b>March 6</b>	<b>Mark Scheel</b> , California Institute of Technology Abstract Title: <a href="#">Exploring the Collision of two Black Holes</a>	Matthew Duez
<b>March 20</b>	<b>Hergen Eilers</b> , Washington State University, Institute for Shock Physics Abstract Title: <a href="#">Light-Matter Interactions and Optical Spectroscopy for Sensor Applications</a>	Matthew Duez
<b>March 27</b>	<b>Jeanne McHale</b> , Washington State University, Department of Chemistry Abstract Title: <a href="#">Light-Harvesting Aggregates for Solar Energy Conversion</a>	Matthew Duez
<b>April 3</b>	<b>Susanne Yelin</b> , University of Connecticut/Harvard University Abstract Title: <a href="#">Nonlinear optical phenomena in strongly interacting media</a>	Doerte Blume
<b>April 10</b>	<b>W. Vincent Liu</b> , University of Pittsburgh, Abstract Title: <a href="#">Ultracold atoms in previously unexplored quantum matter regimes</a>	Chuanwei Zhang
<b>April 17</b>	<b>Kenneth Brown</b> , Georgia Institute of Technology Abstract Title: <a href="#">Probing molecules with laser-cooled atomic ions</a>	Doerte Blume
<b>April 24</b>	<b>Aurel Bulgac</b> , University of Washington, Department of Physics Abstract Title: <a href="#">Real-Time Dynamics of a Unitary Fermi Superfluid</a>	Matthew Duez
<b>April 30</b>	<b>Antun Balaz</b> , Scientific Computing Laboratory, Institute of Physics Belgrade Abstract Title: <a href="#">Surface waves and miscibility transitions in binary Bose-Einstein condensates</a>	Peter Engels
<b>May 1</b>	<b>Alexandru I. Nicolin</b> , Horia Hulubei National Institute for Physics and Nuclear Engineering Abstract Title: <a href="#">The variational treatment of surface waves</a>	Peter Engels

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