

PHYSICS AND ASTRONOMY

Colloquium

Spring 2017 – Colloquium Schedule

Date	Speaker and Talk Title	Host
January 10	Michael Allen , Department of Physics & Astronomy, Washington State University Title: <u>"Implementation of team-based project-driven learning in a senior-level astrobiology course"</u>	Jeffrey McMahon
January 17	Mario Juric , Department of Physics, University of Washington Title: <u>"Towards Science with LSST: Project Update and What to Expect"</u>	Guy Worthey
January 24	Artem Oganov , Department of Physics & Astronomy, Stony Brook University Title: <u>"Computational Materials Discovery"</u>	Jeffrey McMahon
January 31	NO COLLOQUIUM	
February 7	Peter Engels , Department of Physics & Astronomy, Washington State University Title: <u>"Quantum gas research at WSU: From artificial gauge fields to negative-mass hydrodynamics"</u>	Jeffrey McMahon
February 21	Fred Gittes , Department of Physics & Astronomy, Washington State University Title: <u>"Electromagnetism as Geometry"</u>	Jeffrey McMahon
February 28	Ranga Dias , Lyman Laboratory of Physics, Harvard University Title: <u>"Pressing Hydrogen to Exotic Quantum States"</u>	Jeffrey McMahon
March 7	Jeremy Holt , Department of Physics & Astronomy, Texas A&M University Title: <u>"Structure and dynamics of neutron-rich matter on Earth and in the stars"</u>	Michael Forbes
March 14	Spring Break, No Colloquium	
March 21	Tom Quinn , Department of Astronomy, University	Michael Forbes

of Washington

Title: "The Cosmological Context of Star Formation"

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| March 28 | Yi Gu , Department of Physics & Astronomy,
Washington State University
Title: <u>"Phase-Defined Van der Waals Metal-Semiconductor Junction"</u> | Jeffrey McMahon |
| April 4 | Gary Collins , Department of Physics & Astronomy,
Washington State University
Title: <u>"Atom-scale Studies of Interactions between Solute Atoms in Solids"</u> | Jeffrey McMahon |
| April 11 | Emily Leveque , Department of Physics, University
of Washington
Title: <u>"Discovery of a Thorne-Zytkow Object Candidate in the Small Magellanic Cloud"</u> | Guy Worthey |
| April 18 | Robert Lieberman , President Lumoptix LLC,
Title: "Optical Fiber Sensors: Submicron to Suprakilometer" | SPIE |

Colloquia are held on Tuesdays at 4:10 pm in Webster 17 on the Pullman campus of Was.
 Come meet the speaker over coffee & cookies at 3:45 pm in the foyer on the Ground floor above the lecture hall.