

**Dr. Peter Burke**

**UC Irvine**

**"Interacting with Living Systems Through Nanotechnology: Next Steps"**

**Wednesday, April 22, 2015 - 3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Marc Bockrath**

**UC Riverside**

**Graphene Nanomechanics and Electronic Properties of Aligned Graphene/BN Superlattices"**

**Wednesday, April 15, 2015 - 3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Jiyeong Gu**

**CSU Long Beach**

**"Proximity Effect in Superconductor/Ferromagnet Hybrid Thin Films"**

**Wednesday, March 25, 2015 - 3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Marcio Melendez**

**University of Maryland**

**"Galactic Puzzle: A Multiwavelength Perspective in Galaxy Evolution"**

**Thursday, March 19, 2015**

**3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Paul Haney**

**NIST**

**"Next Generation Solar Cells: Beyond 1 Dimension"**

**Wednesday, March 18, 2015 - 3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Glenn Ciolek**

**New York Center for Astrobiology & Department of Physics, Applied Physics, and Astronomy Rensselaer Polytechnic Institute**

**"Outflows and Multifluid Magnetohydrodynamic Shocks in Star-Forming Interstellar Clouds"**

**Friday, March 13, 2015 - 3:40 p.m.**

**Live Oak, Room 1127**

**Dr. Thomas Madura**

**NASA Postdoctoral Program Fellow**

**Exoplanets & Stellar Astrophysics Laboratory**

**NASA's Goddard Space Flight Center**  
**Wednesday, March 11, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Professor Bryan Wong**  
**Department of Chemical & Environmental Engineering and Mat. Science & Eng. Program**  
**UC Riverside**  
**"New Computational Tools for Probing Quantum Effects in Large Complex Systems"**  
**Friday, March 6, 2015 - 11:00 a.m.**  
**Live Oak, Room 1124**

**Dr. Franz Weinert**  
**California Institute of Technology**  
**"The Transcription Factor Titration Effect"**  
**Friday, March 6, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Dr. Sattar Taheri**  
**UCSD**  
**"Cell-size control in Bacteria: Lessons learned from Single-Cell Analysis"**  
**Wednesday, February 25, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Professor. Seung-Hoon Jhi**  
**Department of Physics, Pohang University of Science and Technology, Korea**  
**"Topological Phase Transition and Thermoelectric Effect in Topological Insulators"**  
**Friday, February 25, 2015 - 11:00 a.m.**  
**Live Oak, Room 1100**

**Dr. Kayhan Gultekin**  
**University of Michigan, Ann Arbor**  
**"The ABC's of Supermassive Black Holes: Accretion, Binaries, and Coevolution"**  
**Tuesday, February 24, 2015 - 3:40 p.m.**  
**Live Oak, Room 1219**

**Dr. Marcelo Alvarez**  
**Canadian Institute for Theoretical Astrophysics**  
**"Simulating Cosmic Structure: Keeping Pace with Observation"**  
**Wednesday, February 18, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Dr. Yong Wang**  
**University of Toronto**  
**"Understanding the Behavior of Bio-Macromolecules at Single-Molecule and Single-Cell Levels"**  
**Tuesday, February 17, 2015 - 3:40 p.m.**  
**Live Oak, Room 1219**

**Dr. Wladimir Lyra**  
**JPL/Caltech**  
**"Evolution of Circumstellar Disks and Planet Formation"**  
**Friday, February 13, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Dr. George Shubeita**  
**University of Texas at Austin**  
**"Molecular Motors: from Mechanics to Disease"**  
**Wednesday, February 11, 2015 - 3:40 p.m.**  
**Live Oak, Room 1127**

**Professor Alex Yarin**  
**Department of Mechanical & Industrial Eng., University of Illinois at Chicago**  
**"From Electrospinning to Thermal Management in Microelectronics, from Co-Electrospinning to Nanofluidics"**  
**Wednesday, February 4, 2015 - 3:40 p.m.**  
**Bianchi Planetarium 3100**

**Dr. Yongsheng Gao**  
**CSU Fresno**  
**"Hunting and Discovering the Higgs Boson ("God"particle) at the LHC of CERN"**  
**Wednesday, January 28, 2015 - 3:40 p.m.**  
**L0 1127**

**Dr. Maracelo Alvarez**  
**Canadian Institute for Theoretical Astrophysics**  
**"Stimulating Cosmic Structure: Keeping Pace with Observation"**  
**Wednesday, February 18, 2015- 3:40 p.m.**  
**Live Oak, Room 1127**

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