## Current Speaker Registration List

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<th>Affiliation</th>
<th>Poster/Talk</th>
<th>Title</th>
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<td>David Lee</td>
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<td>Helium 3-4 Domain Walls Revisited</td>
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<tr>
<td>Norbert Kroo</td>
<td>Research professor</td>
<td>talk</td>
<td>Some novelties of nonlinear and quantum plasmonics</td>
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<tr>
<td>Hui Xia</td>
<td>TAMU/Princeton</td>
<td>talk</td>
<td>Probing superradiant decay of excited He atoms</td>
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<tr>
<td>Konstantin Dorfman</td>
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<td>talk</td>
<td>Photosynthetic reaction center quantum heat engine</td>
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<tr>
<td>Anatoly Svidzinsky</td>
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<td>Non-local effects in single photon superradiance</td>
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<td>Alexei Sokolov</td>
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<td>Alexey Belyanin</td>
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<td>Pankaj Jha</td>
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<td>Jizhou He</td>
<td>Department of Physics, Nanchang University, China</td>
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<td>Thermal entangled quantum heat engine</td>
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<td>Luqi Yuan</td>
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<tr>
<td>Jianhui Wang</td>
<td>Department of Physics, Nanchang University, China</td>
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<td>Vladimir Khmelenko</td>
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<td>Studies of nitrogen-helium condensates</td>
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<td>Federico Capasso</td>
<td>Harvard University</td>
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<td>Light propagation with phase discontinuities</td>
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<tr>
<td>Patrice Genevet</td>
<td>TAMU</td>
<td>talk</td>
<td>Ultra-thin plasmonic optical phased array</td>
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<tr>
<td>Vladimir Sautenkov</td>
<td>IQSE</td>
<td>talk</td>
<td>Superfluorescent emission of rubidium atoms ...</td>
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<tr>
<td>Vitaly Kocharovsky</td>
<td>Texas A&amp;M University</td>
<td>talk</td>
<td>Universality of Green's function in mesoscopic BEC</td>
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<tr>
<td>Olga Kocharovskaya</td>
<td>prof.</td>
<td>talk</td>
<td>Control of light by light in a resonant medium</td>
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<tr>
<td>Pankaj Jha</td>
<td>TAMU</td>
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<td>Hans Schuessler</td>
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<tr>
<td>Da-Wei Wang</td>
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<tr>
<td>John Bevan</td>
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<tr>
<td>Vladislav Yakovlev</td>
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<td>Philip Hemmer</td>
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<td>Dmitri Voronine</td>
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<td>Quantum chemistry calculations for SECARS</td>
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<td>Andrew Traverso</td>
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<tr>
<td>Mark Raizen</td>
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<td>Maxwell, Einstein, and Their Impossibilities</td>
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<td>Peter Keefe</td>
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<td>Vaclav Spicka</td>
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<tr>
<td>Gennady Shvets</td>
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<td>George Kattawar</td>
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<td>talk</td>
<td>The Physics of Camouflage in Cephalopods</td>
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<td>George Welch</td>
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<tr>
<td>Igor Lyuksyutov</td>
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<td>Cold Chemistry with Warm, Merged Molecular Beams</td>
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<tr>
<td>Michael Cone</td>
<td>Texas A&amp;M University</td>
<td>poster</td>
<td>Integrating Cavity Ring-Down Spectroscopy</td>
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<td>Brett Hokr</td>
<td>TAMU</td>
<td>poster</td>
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<td>Eyob Sete</td>
<td>Texas A&amp;M University</td>
<td>poster</td>
<td>Entanglement of two spatially separated qubits ...</td>
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<tr>
<td>Han Cai</td>
<td>Texas A&amp;M University</td>
<td>poster</td>
<td>Shot Noise Squeezing via 4WM in</td>
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<tr>
<td>Charles Ballmann</td>
<td>TAMU</td>
<td>poster</td>
<td>Quantum Chemical Analysis of SECARS</td>
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<tr>
<td>Zhenhuan Yi</td>
<td>TAMU</td>
<td>poster</td>
<td>Temporal Profile of Yoked superfluorescence in Rb</td>
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<tr>
<td>Zhaokai Meng</td>
<td>BME TAMU</td>
<td>poster</td>
<td>How to detect secondary structures of biomolecules</td>
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**Last Updated December 6, 2011**