

Physics

Session **V**

Room: 269 Lauritsen

1:00 - 1:20 PM	Raghava K. Kalidindi University of Maryland, College Park	Evaluating Quantum-Scale Dispersion Compensation via Pulse Compression and Hong-Ou-Mandel Interference	Maria Spiropulu <i>Shang-Yi Ch'en Professor of Physics</i> Venkata (Raju) Valivarthi <i>Research Scientist in Quantum Science and Technology</i>
1:20 - 1:40 PM	Victoria E. Barry Colorado School of Mines	Final Design, Testing, and Validation of BTL Detector Modules, and Trays for CMS BTL Detector at CERN	Maria Spiropulu <i>Shang-Yi Ch'en Professor of Physics</i>
1:40 - 2:00 PM	Ishani Mukherjee Stanford University	An Analytical Phase-Space Approach to Measurement Device Independent Quantum Key Distribution	Maria Spiropulu <i>Shang-Yi Ch'en Professor of Physics</i> Venkata (Raju) Valivarthi <i>Research Scientist in Quantum Science and Technology</i>
2:00 - 2:20 PM	Yi Wei Yang <i>Gary Stupian SURF Fellow</i>	Distinguishing Dark Matter Substructure From the Stochastic Gravitational Wave Background in Pulsar Timing Correlations	Kathryn M. Zurek <i>Professor of Theoretical Physics</i> Kim V. Berghaus <i>Sherman Fairchild Postdoctoral Scholar Research Associate in Theoretical Physics</i>
2:20 - 2:40 PM	Francesca Di Cecio University of Cambridge <i>Caltech-Cambridge Exchange</i>	Quench Dynamics and Metastability of Intertwined Orders	Gil Refael <i>Taylor W. Lawrence Professor of Theoretical Physics</i> Gal Shavit <i>Sherman Fairchild Postdoctoral Scholar Research Associate in Theoretical Physics</i>