

Symposium on Quantum and Nano - Optics

12th April, 2018

09:00am - 1:30pm

CS Smart Room, SSE Building, LUMS

Time	Talk	Duration
09:00 am	<i>"Interference of One-dimensional Super radiance Bichromatic Lattices in a Bose-Einstein Condensate"</i> Shi Yao Zhu, Zhejiang University, Hangzhou, China	30 minutes
09:30 am	<i>"Wolf Effect of Light in Two-Dimensional Curved Space"</i> Ligang Wang, Zhejiang University, Hangzhou, China	30 minutes
10:00 am	<i>"Introduction to Quantum Master Equations and Quantum-State-Diffusion Equation"</i> Jun Jing, Zhejiang University, Hangzhou, China	30 minutes
10:30 am	<i>"Observation of Polarization Vortices in Plasmonic Structures"</i> Jian Zi, Fudan University, China	30 minutes
11:00 am	Break	15 minutes
11:15 am	<i>"Optics in Pakistan – A Personal Journey"</i> Dr. Shaukat Hameed	30 minutes
11:45 am	<i>"Magneto-Optical Control of Mesoscopic Spin Bath"</i> Dr. Ata ul Haq	15 minutes
12:00 pm	<i>"The Quantum Zeno and Anti-Zeno effects"</i> Dr. Adam Zaman	15 minutes
12:15 pm	<i>"Liquid Crystal Lasers: Photonic Band-Edge and Multiple Scattering-Based Random Lasers"</i> Dr. Ammar Ahmed Khan	15 minutes
12:30 pm	<i>"Towards Rapid and Portable Optical Sensors for Detecting Water and Milk Contamination"</i> Dr. Imran Cheema	15 minutes

12:45 pm	<i>"Magneto-Optics of 2D materials"</i> Muzamil Shah	15 minutes
01:00 pm	<i>"Continuous Dynamical Decoupling for Spin Chains"</i> Maryam Mudassar	15 minutes