

Tuesday, 7/29, Flash Talks		
Name	Title	Institution / Affiliation
Preksha Uniyal	The Energy Spectrum of the Pion From Lattice QCD	University of Delhi, India
Jonah Ndukwe Aso	Quantum Information Science	
Jesus Hinojosa	g² statistics on s-polarized photon emission of agglomerate scattering	D1 Dynamics and Transport LLC / Expanding Frontiers / University of Texas Rio Grande Valley
Swapnil Kumar	Quantifying Uncertainty in Quantum Machine Learning & Fluid mechanics	Imperial College London & Massachusetts Institute of Technology Science Policy Review
Munib Wober	Semiconductor Nanowire Surface Plasmon Resonance Bio detection	Wober Tech. Inc.
Tianhai Luo	Ge dopant activation in UWBG material (Ga2O3)	Cornell University
Reuben Abraham Solomon	First-Principles Investigation of 2D Ferroelectricity in SnTiO₃ and BiTiO₃ for Quantum Transistors and Neuromorphic Computing Applications	
Alok Ranjan Dash	Oxide Interfaces and Defect Control for Emerging Quantum and Neuromorphic Architectures	IISER, Berhampur, India
Nafisa Shamim Rafa	Computational Tools for Probing Foundational Limits in Quantum Information Theory	NumFOCUS / North South University
Deepa Gupta	Magento hydrodynamics (MHD) analysis of dual coolant lead lithium (DCLL) tritium breeding blankets	PPPL
Ling Xie	Crystallographic Orientation Dependent Reactive Ion Etching in Single Crystal Diamond	
Kimberley Christopher	Electron Upconversion for Electron Catalysis in Nonthermal Plasma Gas-Liquid Reactors: A New Solution for PFAS Degradation	Florida State University
Omar Alsaeed	Modeling Thermoelectric Instabilities in RF Discharges	
Md. Zubair	Towards Improving Quantum Process Characterization in Noisy Devices	