



# Conference on Science at the Sanford Underground Research Facility

## Tuesday, May 14, 2024

### Poster Session: I - CB 206 E&W (3:40 PM - 4:20 PM)

time	[id] title	presenter
3:45 PM	[39] Synergistic Microbial Solutions for Sustainable Agriculture	KAUR, Navdeep
3:45 PM	[54] The Accelerator Neutrino Neutron Interaction Experiment: New Developments in Neutrino Detection	LEMMONS, Franklin
3:45 PM	[42] Bio-Mediated Soil Stabilization for Enhanced Infrastructure Resilience	GARG, Ishika Ms SHARMA, Rimjhim
3:45 PM	[58] Power Over Fiber for the DUNE Vertical Drift Photon Detection System	LEON SILVERIO, Diana
3:45 PM	[44] Modification of Biopolymers from Geobacillus sp. strain EP1 for 3D printing Biofertilizer Encapsulation	SUTKO, Kelly
3:45 PM	[52] Unveiling pH-Dependent metabolic flexibility and homeostasis mechanisms in <i>Oleidesulfovibrio alaskensis</i> G20	Dr SAMANTA, Dipayan
3:45 PM	[41] Utilizing Signaling Molecules for Sustainable Crop Management in Agriculture	KAUR, Jasmeet
3:45 PM	[45] Advancing Sustainable Biopolymer Production through Cell Free Biomanufacturing	Mr ABROL, Chirag Ms THAKUR, Kritika
3:45 PM	[64] Insight into Biofilm Dynamics: Integrating Experimental Curing, Advanced Imaging, and Machine Learning	Ms KALIA, Sirina
3:45 PM	[92] Probing the Solar Neutrino Day/Night Effect	FODROCI, Michael
3:45 PM	[103] A Novel Neutron-Based Calibration System for DUNE	JOHNSON, Walker
3:45 PM	[105] Quality Assurance for Potential Supernova Neutrino Detections with DUNE at SURF	RATH, Tyler

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