

Summer SLAM – Special Edition!
August 10, 2022
11:30am – 1pm (PST)

Time	Topic	Speaker
11:30am	Welcome, LLF Overview & Ground Rules	Sally Allen, LLF Executive Director
11:40am	Predicting Covid-19 Variant and Function	Jonathan Anzules, Data Science Summer Institute <i>UC Merced</i>
11:45am	Analysis of Active Learning Methods in OOD Drift Settings	Nathan Beck, Data Science Summer Institute <i>University of Texas, Dallas</i>
11:50am	Fabrication of Biofunctionalized PVA/PEI Nonofibers for Rare Earth Element Extraction	Jalyn-Rose Clark, National Ignition Facility <i>Norfolk State University</i>
11:55am	Extending and Smoothing Two-dimension Equation of State Simulation Data	Nirajara Dungwatanawanich, Center for Applied Scientific Computing <i>UCLA</i>
12:00pm	Soil Viral Ecology	Grant Gogul, Physical & Life Sciences <i>UC Davis</i>
12:05pm	Threshold and Simulations of Absolutely Unstable Simulated Raman Backscattering	Jennifer Gorman, Weapons & Complex Integration <i>Rensselaer Polytechnic Institute</i>
12:10pm	Recycling Polyurethanes into 3D Printable Photopolymers	Wei-Shan Huynh, Engineering <i>UC Berkeley</i>
12:15pm	Detecting Power Grid Attacks Using Reinforcement Learning	Matthew Landen, Global Security, E program, Cyber and Infrastructure Resilience Program <i>Georgia Institute of Technology</i>
12:20pm	Molecular dynamics simulations on ALS related protein TDP43	Xikun Liu, Physical & Life Sciences <i>UC Santa Barbara</i>

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12:25pm	LaunchIT Application Developments & Integrations	Urwah Mir, Computing <i>Las Positas College</i> Kailey Wong, Computing <i>UC San Diego</i>
12:35pm	Multi-frame Gated X-Ray Imager (MGXI) for Fast Hard X-Ray Imaging	Mary Ann Mort, National Ignition Facility <i>UC Davis</i>
12:40pm	You Are (Not) Contained: Robust In/Out Queries with Winding Numbers	Jacob Spainhour, Weapons & Complex Integration <i>University of Colorado, Boulder</i>
12:45pm	Network Traffic Analysis Using Bi-GANs	Emma Van Hoogmoed, Global Security, E program, Cyber and Infrastructure Resilience Program <i>UC Davis</i>
12:50pm	Precision Thermal Control System for Spacecraft	Colt Whitley, Engineering <i>California Polytechnic State University, San Luis Obispo</i>
12:55pm	Additional Q&A / Closing Remarks	Sally Allen/All
1:00pm	Adjourn	