

Jebin Elias

Dept. / Major: University of Utah, Dept. of Chemical Engineering

Field of Study: Turbulence Modeling and Simulations

Year in School: 2nd year

Degree being pursued: PhD

Date expected: August 2020

Academic Advisors: Dr. Jeremy Thornock and Dr. Sean Smith

Email: jebin.elias@chemeng.utah.edu

Degree(s) held: Bachelor of Technology in Mechanical Engineering, Master of Science in Computational Fluid Mechanics

Field(s) of Interest: Turbulent Multiphase flows, Riemann Solvers, Time Integration, Stability Analysis, Numerical Techniques

Planned Years in the PSAAP II Program: 4

Year in the PSAAP II Program: 2nd Year

Description of Your Work/Project Within PSAAP II: V/UQ for Arches/Kokkos, Time integration study for Arches

NNSA Laboratory Visit Information: None

Selected Publications: Gada, V., Elias, J., Tandon, M. and Lo, S., 2017, A Large Scale Interface Multifluid Model for Simulating Multiphase Flows, Applied Mathematical Modelling

Honors / Awards (optional): None

Updated: 5th April, 2018