

# **Science Gateways Enabling Seamless Large-Scale Modeling and Data Processing on Supercomputers for Domain Sciences with the Neuroscience Gateway as a Case Study**

*By Dr. Amit Majumdar*

*San Diego Supercomputer Center, University of California San Diego*

*With High-Level Panel of Leaders in Science, Technology, On-the-Ground Action, and Policy*

**Wednesday, September 13, 2023 11:00 AM Montreal to 1 PM EST (2 hours in duration)**

*For Remote Participation, please register [HERE](#)*

**ABSTRACT:** This talk motivates the impact the science gateways are having on science and engineering research fields as they seamlessly enable large scale modeling, data processing and, more recently, AI/ML work on supercomputing resources. The talk will explain why and how science gateways are successful in eliminating and lowering administrative and technological



