

NSF HSI National STEM Resource Hub Professional Skills Workshops

Neuroscience Gateway and Electroencephalography data processing:

This workshop will describe NSF supercomputing in general and the Neuroscience Gateway (NSG) including the neuroscience modeling and data processing software it provides on supercomputing resources.

Session: 06/02/21 (9AM PDT- 2 pm PDT)
Early admission apply by date: **May 14**

APPLICATION:

<https://www.surveymonkey.com/r/hsihub-2021STEMwkshops>



Supported by the National Science Foundation Awards
1832338 and 1832345.



Arnaud Delorme

*Swartz Center for Computational Neuroscience
Institute of Neural Computation*

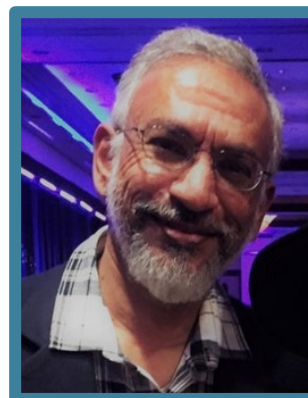
Dr. Arnaud Delorme is a faculty at the University of San Diego California. Dr. Delorme is the main software architect of the free EEGLAB academic software package for advanced analysis of EEG signals (now the most popular software for EEG analysis). Dr. Delorme has trained 8 PhD students, published more than 100 journal articles, and his work has been cited more than 25,000 times.



Subhashini Sivagnanam

San Diego Supercomputer Center

Subhashini Sivagnanam has 15+ years of experience in leading projects to reduce the complexity of using high performance computing (HPC) and data resources for academic researchers such as creating science gateways, building capacity in research cyberinfrastructure, developing meta-scheduling tools and providing expert scientific technical support. She organizes technical workshops and presented numerous tutorials and talks on topics relevant to HPC resources and applications, data reproducibility, and science gateways.



Amit Majumdar

San Diego Supercomputer Center

Dr. Majumdar leads the Data Enabled Scientific Computing division at the San Diego Supercomputer Center, UCSD and is an Associate Professor in the Department of Radiation Medicine and Applied Sciences at the UCSD Medical School. His interests are in high performance computing and computational science. He has been involved with the neuroscience community for about ten years related to their usage of computational resources and software for modeling and data processing.