

CRUNCH Seminars at Brown, Division of Applied Mathematics

Friday - April 29, 2022

Scientific Machine Learning

**Dr. Jeyan Thiyaalingam, Rutherford Appleton Laboratory, Science and
Technology Facilities Council (STFC)**

This talk will outline our approach to addressing the generic challenge of AI for Science from the point of large-scale experimental facilities at Rutherford Appleton Laboratory, Science and Technology Facilities Council, UK. In particular, the talk will focus on how we have been specific about this rather broad challenge, along with a number of real-world examples covering different areas of the challenge. The talk will also outline, how our work led to a rather high-profile international level initiative on Benchmarking for AI for Science and will highlight how this initiative is likely to be beneficial for a number of communities, including the AI for Science, AI and hardware communities.