



Contribution ID: 117

Type: **Talk**

® **Distributed Deep Learning in HPC: Challenges and Opportunities**

Tuesday, 5 December 2023 14:30 (20 minutes)

Large-scale training of Deep Learning Models (DL) in High Performance Computing(HPC) systems has become increasingly common to achieve faster training time for larger models and datasets by alleviating memory constraints. Training DL models in these systems cuts weeks or even months of training to mere hours and facilitates faster prototyping and research in DL. Importantly, training some of the larger models is only possible through these large-scale machines. This talk will provide participants with a foundational understanding of the concepts and techniques involved in Deep Learning in HPC as well as challenges and opportunities for research in the area.

Student or Postdoc?

Post-Doctoral

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Session Classification: Special

Track Classification: Cognitive Computing and Machine Learning