

HACKEVENT'22

28 OCT

Welcome Event



Dr Wu Feng

- **5:00 - 5:15 PM** Introduction and Welcome by Dr Wu Feng, Professor and Turner Faculty Fellow Deptt. of CS, ECE, BEAM
- **5:15 - 5:45 PM** OpenPower Foundation and Features: James Kulina, Exec. Director OpenPower
- **5:45 - 6:15 PM** LibreBMC: Todd Rosendahl, IBM
- **6:15 - 6:45 PM** Contributing to vertical open-source: Boris Shingarov & Jan Vransy, Labware
- **6:45 - 7:15 PM** Introduction to Sparsity in Deep Learning: Mark Kurtz, Director Neural Magic

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- **11:00 AM** Lecture on Sparsity + Leveraging the Sparse-ML Library (hands on) - Neural Magic
- **1:00 PM** OpenPOWER ISA and MMA feature in POWER10: Peter Hofstee, IBM
- **2:00 PM** Lunch Break
- **3:00 PM** Heterogeneous integration of OpenPOWER cores: Farhang Yazdani, CEO, Broadpak
- **4:00 PM** A demo on FPGA simulation and RTL to GDS II flow: Dr Satyadhyam, KLE, India
- **5:00 PM** Lab I

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- **11:00 AM** Deep Learning @ Scale (Lecture) ARC
Mayflower Autonomous Ship and Enterprise AI: Eric Aquaronne, IBM
- **12:00 PM** Profiling and Optimizing Deep Learning Applications (hands-on): ARC (bring your own code or we'll provide you one)
OpenShift and Use Cases: Ander Ocha Gilio2, IBM
- **1:00 PM** Lunch Break
- **2:00 PM** Overview and Tutorial on Docker and Singularity: Open OnDemand
Distributed Deep Learning using POWER systems: Dr D.K. Panda, OSU
- **3:00 PM** Creating Passenger Applications: Open OnDemand
Enterprise AI Solutions and Demo: Florin Manila, IBM
- **4:00 PM** POWER Developer Exchange and PSAI update: Jenna Murillo, IBM
Migrating your custom Jupyter Notebook to ARC resources - ARC

Presented By:

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