UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA

AI academy

NVIDIA

Seminar

GPU-Accelerated Computing

Room S1
Cinema Raffaello - Str. Formigina, 380 - 41126 Modena

Wednedsday, November 30th - 2:30 p.m.

ABSTRACT:

Abstract: Accelerated computing is the use of specialized hardware to dramatically speed up work, often with parallel processing that bundles frequently occurring tasks. It offloads demanding work that can bog down CPUs, processors that typically execute tasks in serial fashion. Mode specifically, GPU-accelerated computing is the employment of a graphics processing unit (GPU) along with a computer processing unit (CPU) in order to facilitate processing-intensive operations such as deep learning, analytics and engineering applications. Developed by NVIDIA in 2007, the GPU provides far superior application performance by removing processing-intensive application sections to GPU.

Giuseppe Fiameni is a Solution Architect and Data Scientist at NVIDIA where he oversees the NVIDIA AI Technology Center in Italy, a collaboration among NVIDIA, CINI and CINECA to accelerate academic research in the field of Artificial Intelligence.

Info: Segreteria AImageLab · Dipartimento di Ingegneria ‘Enzo Ferrari’ Modena · segreteria.aimagelab@unimore.it · tel. 059 2058773/4