Seminar

GPU-Accelerated Computing

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

Wednesdays, 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. More 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.

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