UNIVERSITY OF SOUTH FLORIDA

Defense of a Master's Thesis

Parallelization of Push-based system for molecular simulation data analysis by means of GPU
by
Iliiazbek Akhmedov

For the MSCS degree in Computer Science & Engineering

Based on push-based system for molecular simulation data analysis we have come up with an improved version with concentration on data chunks processing part with GPU applying memory manipulation which gives speedup more than original system taking an advantage of nature of GPU architecture and homogeneity of simulation data.

August 23, 2016
10:00AM
ENB 313

THE PUBLIC IS INVITED

Examining Committee
Yicheng Tu, Ph.D., Major Professor
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