



S05: High Performance Computing with CUDA

Welcome!

Schedule

Case Studies

3:30 Molecular visualization & analysis Stone
Direct Coulomb summation, integrating CUDA & VMD

4:00 Molecular dynamics Phillips
NAMD, optimization walkthroughs, performance

4:30 Seismic processing Deschizeaux
Seismic imaging, data flow, optimization, results

5:00 Wrap!



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Please fill out a tutorial evaluation form!

More Info



<http://www.nvidia.com/cuda>

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SC07 Show Floor Specials



- Supercomputing show floor specials
- 40-50% MSRP off Tesla products



C870 – 1 GPU
\$650



S870 – 4 GPUs
\$4999



D870 – 2 GPUs
\$4200

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SC07 Show Floor Specials



- 40-50% MSRP off Tesla products
 - <http://ecommerce.pny.com>
 - Coupon "SC07"
- Then take 20% off Sun Ultra24
 - (MSRP starting \$995)
 - Quad-core, single socket, PCIe Gen2
 - <http://www.sun.com/ultra24>
 - Coupon "SC07_Ultra24"



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