

Change Management in Today's Big Data Financial World.

Ed Turkel, HPC Strategist, Dell EMC

David Rukshin, CTO, WorldQuant (Invited)

Asif Alam, Global Business Director, Thomson Reuters

Pat McGinn, BBA/IB, CITP, VP Product Marketing, CoolIT Systems



HPC at the Crossroads

Ed Turkel
HPC Strategist

The Dell EMC logo, featuring the word "DELL" in a stylized font with a diagonal line through the "E", followed by "EMC".



HPC is evolving...





Domain Experience
& Expertise



Strategic
Partnerships



Technology
Innovations



HPC Innovation
Lab



Dedicated HPC
Sales & Soln. Architects

Dell EMC HPC Systems

Transforming the Future at the convergence of HPC, Big Data and the **Cloud**



Dell
Workstations



Dell EMC
Servers



Dell EMC
Storage



Dell EMC
Networking



Management



Services



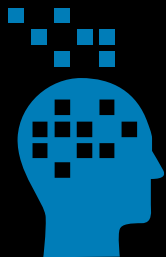
VMware

HPC Innovation Lab

- Design, develop and integrate HPC systems
- Act as the focal point for joint R&D activities
- Conduct application performance studies and develop best practices
- Prototype and evaluate advanced technologies



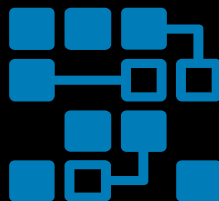
Some areas of interest



Machine/Deep Learning
& AI

Xeon Phi/GPU/FPGA
Servers for ML/DL/AI

Reference Architectures
for ML/DL/AI



Big Data and Analytics

New Tiered Memory
& Storage Hierarchies



Cloud

OpenStack

Hybrid Cloud

HPCaaS



Human Progress

Technology

D  **LL** EMC