

# NSF/IUCRC CAC PROJECT

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## MONITORING, VISUALIZING, AND PREDICTING HEALTH STATUS OF HPC CENTERS

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Advisors:

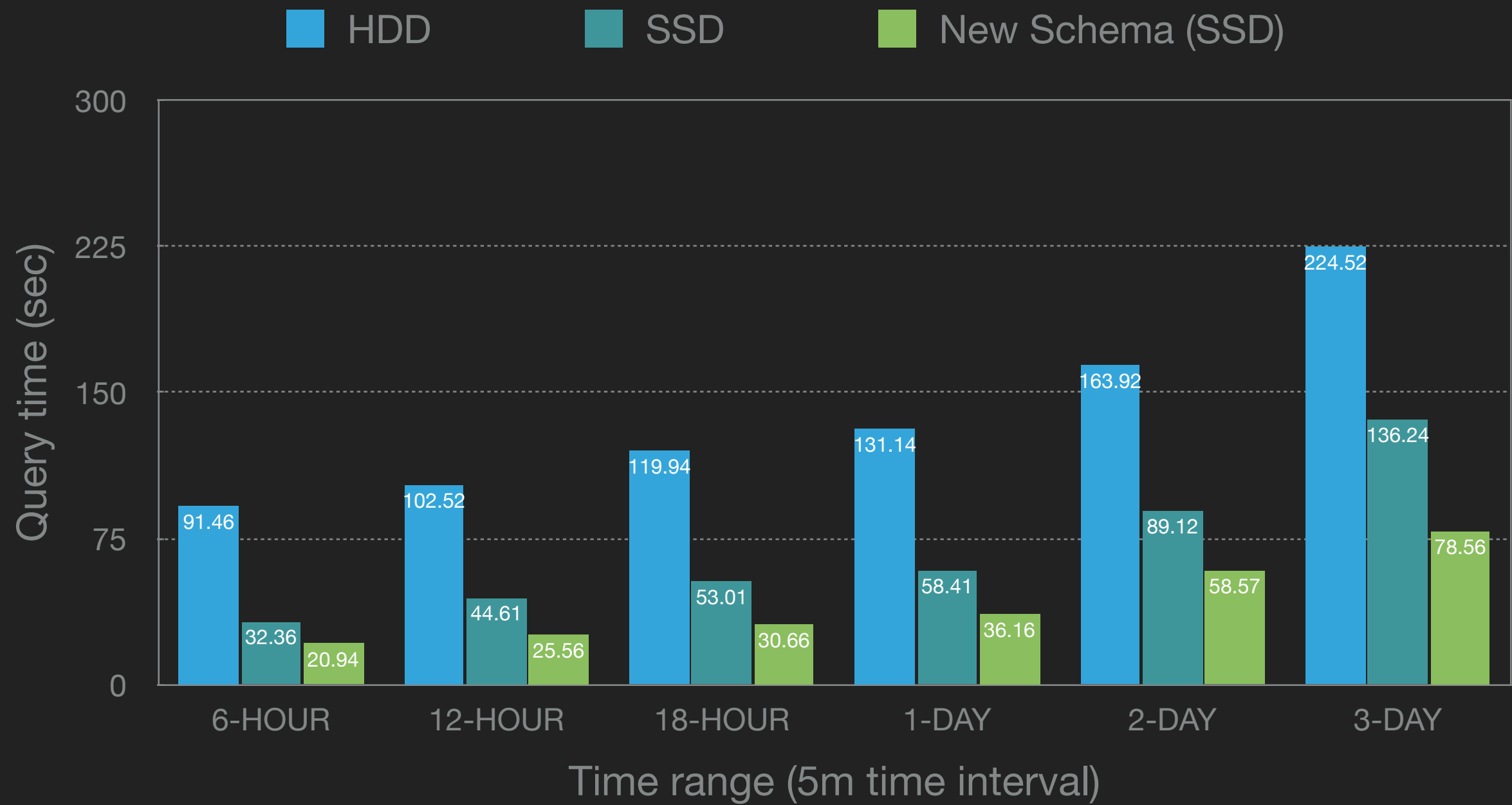
Mr. Jon Hass, SW Architect, Dell Inc.

Dr. Alan Sill, Managing Director, HPCC, TTU

Dr. Yong Chen, Associate Professor, CS Dept, TTU

Dr. Tommy Dang, Assistant Professor, CS Dept, TTU

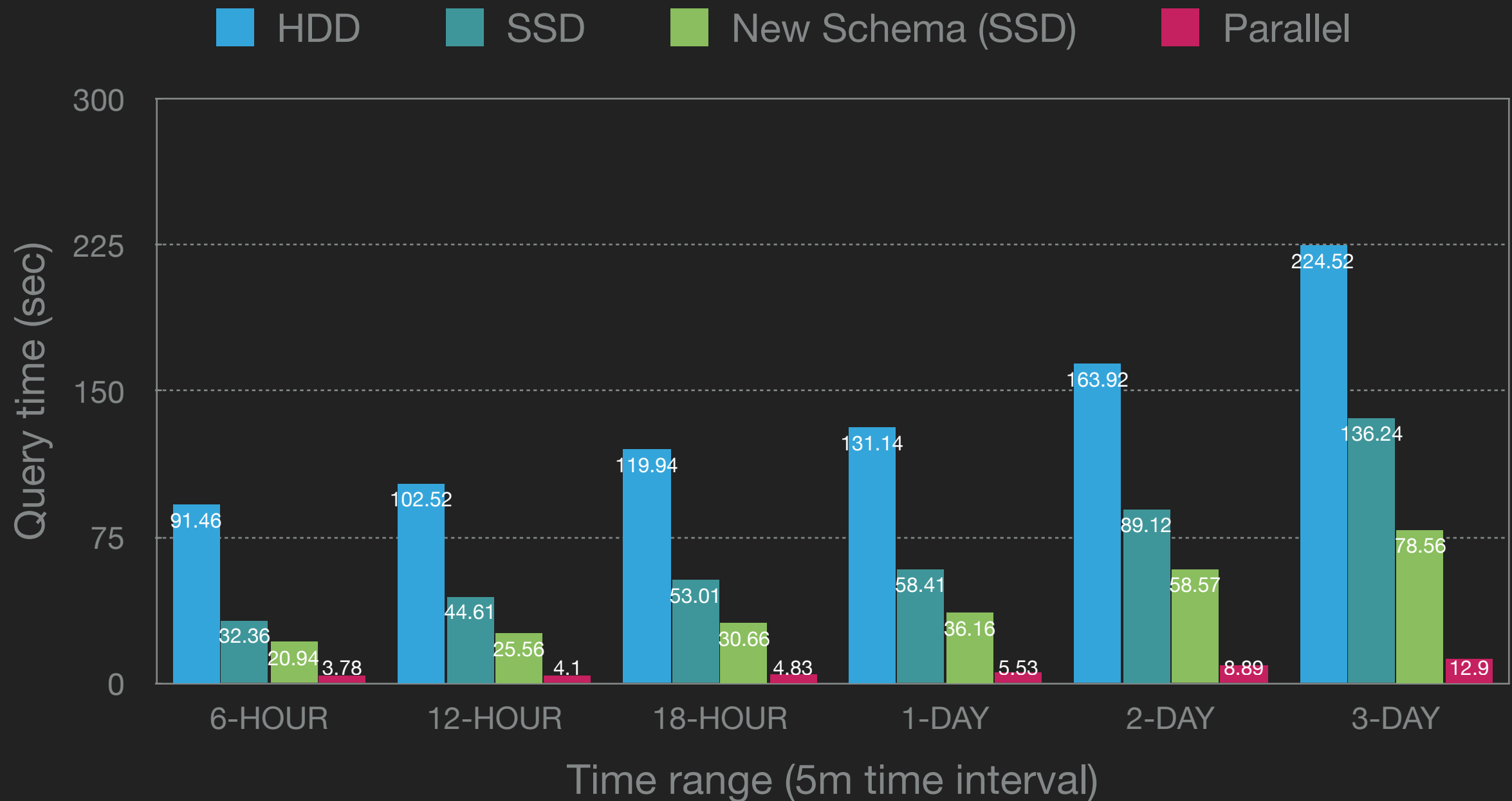
# PERFORMANCE



Query data from **New Schema** performs **1.6x ~ 1.76x** faster than previous schema


Query data from **New Schema** performs **2.8x ~ 4.3x** faster than previous schema on HDD

# PERFORMANCE



Query data in **Parallel** from **New Schema** performs **5.5x ~ 6.5x** faster than in sequence

Query data in **Parallel** from **New Schema** performs **17x ~ 25x** faster than previous schema on HDD



**QUESTIONS?/COMMENTS?**