HPC USER FORUM

Special Event

The Shift from Legacy Storage Solutions to Modern Data Platforms

Virtual HPC User Forum Special Event

April 30, 2021

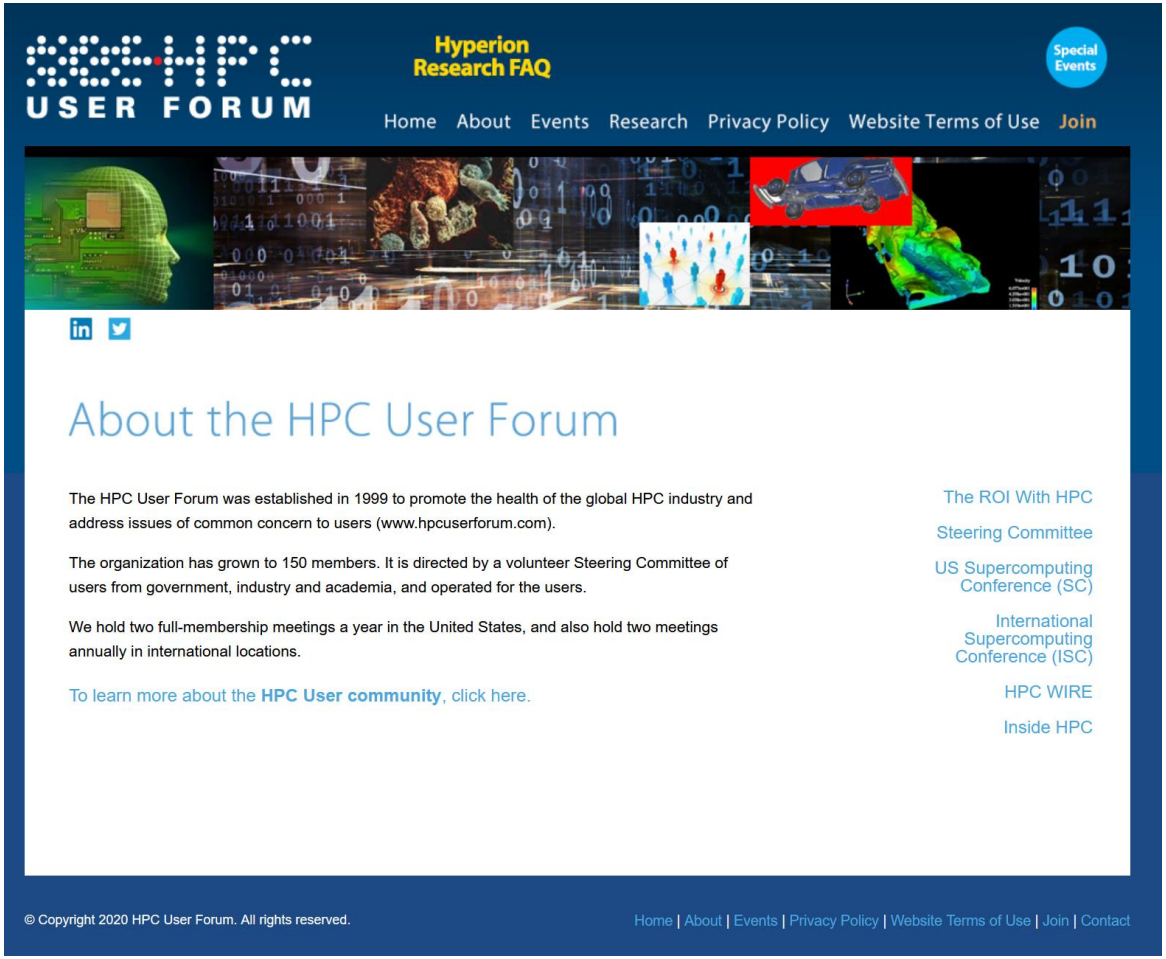
8:30AM – 11:30AM PT

HighFens Inc | Hyperion Research | Meadowgate Technologies | Penguin Computing | tgen | WEKA

The HPC User Forum

www.hpcuserforum.com

Special Event



Presenters & Panelists

Presenters

Mark Nossokoff
Senior Analyst
Hyperion Research

Shimon Ben-David
CTO
WekaIO

Kevin Tubbs
SVP Strategic Solutions Group
Penguin Computing

James Lowey
CIO
TGen

Panelists

Mark Nossokoff
Senior Analyst
Hyperion Research

Shimon Ben-David
CTO
WekaIO

Frederick Van Haren
CTO
HighFens, Inc

Kevin Tubbs
SVP Strategic Solutions Group
Penguin Computing

Herb Ahmuty
Solutions Architect
Meadowgate Technologies

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Agenda

Speaker	Organization	Topic	Start	Duration
Mark Nossokoff	Hyperion Research	HPC Market Update and Observations on Modern Data Platforms	8:30	30 min
Shimon Ben-David	WekaIO	Modern Data Platforms for Modern Workloads	9:00	30 min
Kevin Tubbs	Penguin Computing	Breaking Data Silos to Support Mixed Workloads	9:30	30 min
James Lowey	TGen	Scale Requirements for Modern Workloads	10:00	30 min
Panelists	Mark Nossokoff Shimon Ben-David Frederick Van Naren Kevin Tubbs Herb Ahmuty	Perspectives on Modern Workloads	10:30	45 min
Mark Nossokoff	Hyperion Research	Wrap-up	11:15	15 min
	End		11:30	

Panelists

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Panelists

Mark Nossokoff
Senior Analyst
Hyperion Research

Shimon Ben-David
CTO
WekaIO

Frederick Van Haren
CTO
HiFens

Matt Jacobs
Chief Strategy Officer
Penguin Computing

Herb Ahmuty
Solutions Architect
Meadowgate Technologies

HYPERION RESEARCH

WEKA

HighFens Inc

PENGUIN COMPUTING
A subsidiary of SMART Global Holdings, Inc

MEADOWGATE TECHNOLOGIES

Virtual HPC User Forum

May 11-13, 2021
10:00AM-3:00PM CT (US)

May 12-14, 2021
10:00AM-15:00PM CT (GMT)

www.hpcuserforum.com

May 2021 HPC User Forum Agenda

First Day

- Welcome, logistics, HPC User Forum background (Paul Muzio, Rupak Biswas, Steve Conway and Earl Joseph)
  - Earl Joseph, HPC Market Update
- Paul Muzio, Start the first day (Exascale is the first topic area)
  - Frank Alexander, EXASCALE: Brookhaven National Laboratory - Machine Learning
  - Doug Kothe, EXASCALE: Exascale Computing Program
  - HPE, Vendor update
  - Mark Parsons, EXASCALE: UK Exascale & Catalyst
- Break
  - Jysoo Lee, KAUST (site update)
  - AMD, Vendor update
  - Sanzio Bassini, CINECA (site update)
  - Pekka Manninen, LUMI Leadership Computing Facility (site update)
  - Radmila Brožková, Czech Hydrometeorological Institute (site update)
- Paul Muzio, thank you, sponsors, see you tomorrow

Second Day

- Rupak Biswas, Start the second day (covid is the first topic area)
  - Manish Parashar, NSF
  - Rommie Amaro, UCSD
  - Dell, Vendor update
  - Jean-Philip Piquemal, Université Pierre et Marie Curie
  - Gregory Voth, University of Chicago
- Break
  - Florent Duchaine, CERFACS
  - Intel, Vendor update
  - Innovative Technology Panel: Supermicro, Penguin Computing, Tachyum, Altair, Arm and Red Hat
  - Richard Lawrence, UK Met (site update)
- Rupak Biswas, thank you, see you tomorrow

Third Day

- Steve Conway, Start the third day (site updates and new processors)
  - Bastian Koller, High Performance Computing Center, Stuttgart (site update)
  - Gary Grider, Los Alamos National Laboratory (site update)
  - NEC, Vendor update
  - Tina Declerck, National Energy Scientific Research Center (site update)
  - Bob Sorensen, Hyperion Research (Quantum Computing)
- Break
  - Mark Stickells, Pawsey Supercomputing Centre (site update)
  - Mark Nossokoff, Hyperion Research (storage market overview)
  - Storage Panel: Mohamad El-Batal (Seagate Technologies), Jeff Lundberg (Hitachi Vantara) and Jeff Denworth (Vast Data)
  - MemVerge, Vendor update
  - Alex Norton, Hyperion Research (overview of new processors under development for AI)
  - Venkat Vishwanath, Looking at new processors: ANL
  - Simon McIntosh-Smith, Looking at new processors: Bristol-Isambard-2
- Conclusions: Paul Muzio, Rupak Biswas, Steve Conway and Earl Joseph
  - Earl Joseph, Future meeting plans

Thank you to our sponsors!

Hewlett Packard Enterprise / Dell Technologies / Intel / AMD / MemVerge / Arm / Altair / NEC / Tachyum

Thank you!