HPC + AI
WALL STREET
HPC / QC / BIG DATA / AI

2024

SHOW GUIDE

22 years of delivering innovative thought leadership and providing world-class technology from industry pioneers for FinTech and Capital Markets.

Showcasing the fastest, smartest systems on the planet for FinServ.

TUESDAY & WEDNESDAY, SEPTEMBER 17 + 18, 2024

8:30AM-6:00PM ET
601 LEXINGTON AVENUE, 14TH FLOOR, NYC

WELCOME

Welcome to the 2024 HPC + AI Wall Street conference and exhibition.

This specialized event may very well be the only conference you'll attend this year where world-changing technologies like Quantum Computing will be unpacked, and the convergence of AI, HPC, and Big Data will be explored, *specifically* for Financial Services.

The promise of these compute technologies is the entry point to advanced analytics and Artificial General Intelligence (AGI). None of this is possible without high-performance computing systems (of which quantum is a part), coupled with complex big-data management capabilities that align with customized AI models and platforms.

Financial Services workloads have historically been compute-insatiable at extreme scale and speed, and this industry has often engaged in the early adoption of bleeding-edge systems. The need to handle data collection, analysis, and application-to-market at ever-faster speeds has produced transformative shifts across the entire ecosystem.

Add to that paradigm the rapid developments and deployments of AI, and 2024 marks the year when HPC enters the capability profile of the mainstream data center. **Elon Musk** recently stood up an exascale AI supercomputer in just four months! Leading national labs and academic institutions will profess this takes many years of planning, provisioning, and deployment. We may not realize AGI within the next 12 months, but you don't want to miss the pathway to this transformative capability and its impact on FSI.

This conference will focus on mission-critical capabilities with sessions in HPC (on-prem, cloud, and QC), data management, traditional analytics, and AI. Advanced scale systems for Financial Services are in a constant state of change and development. HPC + AI Wall Street is building a specialized community of users and vendors driven to utilize the fastest and smartest systems on the planet to meet the challenges and demands of this change… this is far from hyperbole, this is the reality of FSI.

We encourage you to engage with our luminary speakers, your peers, and our partner vendors at their exhibit tables as we explore the advancements in HPC, QC, Big Data, and AI together.

— Tom Tabor, *CEO & Founder, Tabor Communications Inc.*

AGENDA

TUESDAY, SEPTEMBER 17, 2024

Time	Session
8:30-8:45	Welcome + Opening Remarks
8:45-9:00	**HIGH PERFORMANCE COMPUTING** — Overview: The State of HPC in FinServ 2024
9:00-9:45	Legendary HPC Pioneers From Citigroup, Goldman Sachs, JPMorgan Chase, TD Bank, Santander, Credit Suisse, and Morgan Stanley Discuss HPC FSI Technology Trends and Directions
9:45-10:30	**HPC KEYNOTE: Maximizing Profitability in Volatile Markets —** Redefining Hybrid HPC for Seamless On-Prem & Cloud Overflow-as-a-Service
10:30-11:00	Break + Exhibits
11:00-11:45	Optimizing Current & Future Financial Workloads for Emerging Technologies
11:45-12:30	Optimizing Current & Future Financial Workloads for Delivery Models
12:30-1:30	Lunch + Networking
1:30-1:45	**QUANTUM COMPUTING** — Overview: The State of QC in FinServ 2024
1:45-2:30	**QUANTUM KEYNOTE: Leveraging the Imminent Opportunity of Quantum Computing While Managing its Risks**
2:30-3:30	Break + Exhibits + 4 Lightning Presentations
3:30-4:15	Quantum Computing Analyst Panel: The Quantum Clock is Ticking
4:15-5:00	Quantum Fireside Chat with Quantinuum and JPMorgan Chase
5:00-6:00	Vendor Showdown with Intersect360 Research
6:00-7:30	Cocktail Reception

WEDNESDAY, SEPTEMBER 18, 2024

Time	Session
8:45-9:00	**DATA MANAGEMENT** — Overview: The State of Data Management in FinServ 2024
9:00-9:45	From Data to Decision: Why and How Great Data is Key to FSI Innovation and Efficiency
9:45-10:30	**DATA MANAGEMENT KEYNOTE: Orchestrating the Future —** Seamless Workload and Data Management in Distributed HPC Environments
10:30-11:00	Break + Exhibits
11:00-11:45	High Performance Storage for AI and Analytics
11:45 -12:45	Lunch + Networking
12:45-1:00	**ARTIFICIAL INTELLIGENCE** — Overview: The State of AI in FinServ 2024
1:00-1:45	**AI KEYNOTE: Navigating Your Generative AI Journey**
1:45-2:30	Responsible AI: Regulatory Compliance Trends and Key Considerations for AI Practitioners
2:30-3:30	Break + Exhibits + 4 Lightning Presentations
3:30-4:15	Building and Training Enterprise-class Private LLMs for Generative AI
4:15-5:00	What Does the Future Hold? Discussion and Debate on New Technologies, Applications, and Workloads for FSI
5:00-5:45	Analyst Crossfire with Intersect360 Research
5:45-6:00	Closing Remarks + Raffle Drawings

SESSIONS

TUESDAY, SEPTEMBER 17

HIGH PERFORMANCE COMPUTING

HIGH PERFORMANCE COMPUTING OVERVIEW:
The State of HPC in FinServ 2024 (8:45am)

PANEL DISCUSSION: Legendary HPC Pioneers From Citigroup, Goldman Sachs, JPMorgan Chase, TD Bank, Santander, Credit Suisse, and Morgan Stanley Discuss HPC FSI Technology Trends and Directions (9:00am)

Moderator: Roman Chwyl, *IBM*

Ty Panagoplos, *ParkWest Advisors, formerly at Santander US, TD Securities, JPMorgan Chase Grid*
J Ram, *Concourse Labs, formerly at Goldman Sachs Grid and Morgan Stanley*
Steve Yatko, *Oktay Technology, formerly at Credit Suisse Group*
Dino Vitale, *TD Bank Group, formerly at Citigroup Grid, Morgan Stanley Grid*

In this fireside chat, Wall Street's HPC legends, representing Citigroup, Goldman Sachs, JPMorgan Chase, Santander, Credit Suisse, and Morgan Stanley, come together to share their collective wisdom and experiences in large-scale Grid and HPC management. Delving into the past and present, they provide invaluable insights for navigating the evolving landscape of HPC, AI, Big Data, and Cloud technologies and the operational models required to support them at scale. Join us as they illuminate the path forward in a future where massive computational power, data, and the convergence of AI and Quantum computing promise to reshape the industry.

HPC KEYNOTE: Maximizing Profitability in Volatile Markets: Redefining Hybrid HPC for Seamless On-Prem & Cloud Overflow-as-a-Service (9:45am)

Moderator: Roman Chwyl, *IBM*

Lou Pastina, *Global Markets Advisory Group, formerly at New York Stock Exchange*
Josh West, *Red Hat*
Jeff Karmiol, *Senior Symphony & HPC Cloud Product Manager, IBM*
Matthew Klos, *Senior Storage Sales Specialist, Storage for Data and AI – Scale, IBM*

As market volatility becomes a defining feature of the financial landscape, banks must leverage just-in-time infrastructure to capitalize on these fluctuations, turning risk modeling into a profitable opportunity. This keynote will explore how IBM's Red Hat OpenShift and IBM Platform Symphony empower financial institutions to stay agile, scaling resources on demand to meet the surges in computational needs while maintaining cost efficiency through hybrid cloud overflow solutions.

PANEL DISCUSSION: **Optimizing Current & Future Financial Workloads for Emerging Technologies (11:00am)**

Moderator: Ryan Quick, *Providentia Worldwide, formerly at PayPal Advanced Technology Group*

Motti Finkelstein, *Intel*
Prakash Pattni, *IBM*
Alessandro Petroni, *BusinessMesh Inc.*

This session explores how new and emerging technologies are reshaping financial workloads. We'll discuss the role of advanced computing hardware, specialized low-latency networks, and accelerators in meeting the increasing demands for speed and efficiency in financial services. Conversations will cover the trade-offs between performance, cost, usability, and sustainability when choosing technology solutions. We'll also look at current trends and key workloads in financial services that benefit most from high-performance computing, fostering a collaborative discussion on strategies and best practices.

PANEL DISCUSSION: **Optimizing Current & Future Financial Workloads for Delivery Models (11:45am)**

Moderator: Ryan Quick, *Providentia Worldwide, formerly at PayPal Advanced Technology Group*

Dr. David Godlove, *CIQ*
Jay Modh, *Intuitive.Cloud*
Jeff Chu, *Penguin Solutions*
Mike Bloom, *WEKA*

In this session, we'll examine strategies for budgeting and deploying financial workloads across different environments, including in-house data centers, third-party facilities, and cloud platforms. The discussion looks at the costs, benefits, and operational considerations of each approach, as well as how to effectively use a hybrid model. We'll also address sustainability and data privacy concerns, encouraging participants to share their experiences and insights on choosing the best approach for their organization's needs.

QUANTUM COMPUTING

QUANTUM COMPUTING OVERVIEW
The State of QC in FinServ 2024 (1:30pm)

QUANTUM KEYNOTE: **Leveraging the Imminent Opportunity of Quantum Computing While Managing Its Risks (1:45pm)**

Presenter: Dominik Ulmer, *ParTec*

Moderator: Bob Sorensen, *Hyperion Research*

Marco Pistoia, *JPMorgan Chase's Global Technology Applied Research*
Bruno Taketani, *ParTec*

With rapidly increasing qubit numbers and recent technology breakthroughs, commercial advantage and value brought by quantum computers are only a few years away. Thus, achieving and maintaining first-mover advantage requires engaging with real quantum computer technology today. Using a system integrator approach to design a qubit-agnostic overall system can help companies evaluate quantum technology now, while mitigating the risk of having to make quantum technology choices.

PANEL DISCUSSION: **Quantum Computing Analyst Panel: The Quantum Clock is Ticking (3:30pm)**

Moderator: John Russell, *QCwire*

Bob Sorensen, *Hyperion Research*
Addison Snell, *Intersect360 Research*
Bob Sutor, *The Futurum Group*

Today's big quantum questions are all about when, not if! How close are practical quantum applications? Depends upon who you ask. Panelists look at near-term offerings and the platforms that support them. How close is the quantum decryption threat? Now that NIST has finalized Post Quantum Cryptography standards, should we move quickly to adopt them...or not? Is the U.S. losing ground to the U.K. and Europe government-funded testbeds? How far along are efforts to put quantum computers on-premise in data centers, and should you prepare? Our analysts will tackle these topics and more in a whirlwind tour of the quantum landscape.

FIRESIDE CHAT: **Quantum Fireside Chat with Quantinuum and JPMorgan Chase (4:15pm)**

Moderator: Mandy Birch, *TreQ*

Raj Hazra, *Quantinuum*
Marco Pistoia, *JPMorgan Chase's Global Technology Applied Research*

In a fireside chat featuring JPMorgan Chase — one of Quantinuum's key partners and clients — participants will delve into the future of quantum computing, explore algorithms poised to benefit from this revolutionary technology, and discuss the ongoing transformation reshaping the financial landscape. Quantinuum, the world's leading integrated quantum computing company, has developed the highest fidelity machines and robust software stacks that empower financial institutions to create groundbreaking quantum applications. Learn how integrating HPC, AI, and quantum technology can lead to remarkable transformations in your organization.

Vendor Showdown with Intersect360 Research (5:00pm)

Moderator: Addison Snell, *Co-Founder & Chief Executive Officer, Intersect360 Research*

Marty Poniatowski, *Director of Presales Engineering, AMD*
Kirk Schell, *CEO, BOXX*
Jonathon Anderson, *Principal HPC Engineer, CIQ*
Matthew Shaxted, *CEO, Parallel Works*

Vendor Showdown features four different vendors who each have five minutes and only three slides to get their point(s) across to the HPC + AI Wall Street audience. After the vendor presentation, veteran HPC analyst Addison Snell will ask three questions, two of which will be shared with the speaker before the event. At the conclusion, the audience will vote on which presentation showcased content that will make the most impact on the Financial Services market.

WEDNESDAY, SEPTEMBER 18

🗄️ DATA MANAGEMENT

DATA MANAGEMENT OVERVIEW
The State of Data Management in FinServ 2024 (8:45am)

PRESENTATION: From Data to Decision: Why and How Great Data is Key to FSI Innovation and Efficiency (9:00am)

Alex Woodie, *Datanami*

Once considered a byproduct, data today is critical for business success. But all data is not created equal, and the companies that have figured out how to better manage their data have a big competitive advantage. This session will provide insight into the latest trends in big data management for Financial Services, particularly revolving around recent advances in analytics and AI.

DATA MANAGEMENT KEYNOTE: Orchestrating the Future: Seamless Workload and Data Management in Distributed HPC Environments (9:45am)

Presenter: David Flynn, *Hammerspace*
Moderator: Alex Woodie, *Datanami*
Matthew Shaxted, *Parallel Works*

As financial services institutions increasingly adopt AI strategies, they are pushing the limits of traditional HPC architectures. The challenge of leveraging multiple data sets across large-scale compute clusters, often distributed across various locations, has become paramount. This session will delve into the latest tools and techniques for orchestrating end-to-end workloads across distributed compute environments while ensuring efficient data flow to these compute resources. Attendees will gain valuable insights into strategies that balance the demands of compute-intensive tasks with seamless data integration, enabling HPC systems to deliver both speed and accuracy in today's highly competitive financial landscape.

PANEL DISCUSSION: High Performance Storage for AI and Analytics (11:00am)

Moderator: Doug Eadline, *HPCwire*
Alessandro Petroni, *BusinessMesh Inc.*
Jonathan Symonds, *MinIO*
Molly Presley, *Hammerspace*
Addison Snell, *Intersect360 Research*

The importance of data management, access, protection, and compliance has continued to grow with the emergence of generative AI. The sheer volumes of data required to create and fine-tune effective LLM models represent a challenge for many organizations. A well-known rule of data science is that data acquisition and preparation require eighty percent of the effort, while the remaining twenty percent involves actual data processing; a similar claim can be made for generative AI. In both cases, sub-optimal big data storage capabilities can impede both analytic and generative AI progress. Our expert panel will discuss successful high-performance data strategies from the vendor, user, and market analyst perspectives.

🧠 ARTIFICIAL INTELLIGENCE

ARTIFICIAL INTELLIGENCE OVERVIEW
The State of AI in FinServ 2024 (12:45pm)

AI KEYNOTE: Navigating Your Generative AI Journey (1:00pm)

Arti Garg, *HPE*

Adopting generative AI in the enterprise presents a myriad of challenges, spanning from technological intricacies to governance complexities. Discover a robust and intuitive framework that can seamlessly guide you through the intricacies of AI adoption, ensuring a smooth and successful integration into your business.

PRESENTATION: Responsible AI: Regulatory Compliance Trends and Key Considerations for AI Practitioners (1:45pm)

Rani Bhuva, *Ernst & Young (EY)*
Kiranjot Dhillon, *Ernst & Young (EY)*

This session will explore the evolving regulatory landscape surrounding artificial intelligence (AI) and its implications for the Financial Services industry. We will examine emerging compliance trends at the enterprise and process level, such as the rise of AI governance frameworks, key risks and controls, etc. We will also delve into leading practices on the AI development and operationalization front that focus on defensive solution development in order to mitigate compliance risks while continuing to drive value from AI enablement.

PANEL DISCUSSION: Building and Training Enterprise-class Private LLMs for Generative AI (3:30pm)

Moderator: Dino Vitale, *TD Bank Group*

Chris Pozezanac, *Elastic*

Josh West, *Red Hat*

Tony Gaughan, *morphing*

As the transformative promise of AI sweeps across C-suites, the pressure to build GenAI systems is compounded by competitive pressures. All the while, eliminating hallucinations is front and center in the process. This session will help demystify private LLMs, beginning with a brief industry overview that includes rationales and use cases of private vs. public LLMs. A lively discussion will follow, delving into the details of basic building blocks, fine-tuning options, considerations (pros/cons), and various deployment options, and the conversation will conclude with lessons learned to help navigate decision points.

PANEL DISCUSSION: What Does the Future Hold? Discussion and Debate on New Technologies, Applications, and Workloads for FSI (4:15pm)

Moderator: Ryan Quick, *Providentia Worldwide, formerly at PayPal Advanced Technology Group*

Harvey Stein, *Two Sigma Labs*

Steve Yatko, *Oktay Technology, formerly at Credit Suisse Group*

Ty Panagoplos, *ParkWest Advisors, formerly at Santander US, TD Securities, JPMorgan Chase Grid*

Roman Chwyl, *IBM*

This engaging and dynamic panel will adopt a debate-style format to explore key issues in HPC and AI on Wall Street. Rather than a traditional discussion, the moderator will present provocative statements such as "Coupling GPU and DPU technology will fundamentally shift where financial risk calculations take place in the FinServ pipeline" and assign panelists specific positions to defend or refute, challenging them to argue both sides of the issue. This approach is designed to keep panelists on their toes, ensuring a lively and thought-provoking conversation. Panelists will have the option to reach out to the audience for assistance through interactive "lifelines," creating an energetic and participatory experience for all attendees.

Analyst Crossfire with Intersect360 Research (5:00pm)

Moderator: Addison Snell, *Co-Founder & Chief Executive Officer, Intersect360 Research*

Lisa Spelman, *CEO, Cornelis Networks*
Doug Norton, *CMO, InspireSemi*
Motti Finkelstein, *Corporate VP and CIO, Office of the CTO – Global Information Technology, Intel*
Anand Shah, *Strategic Partnerships and Business Development, Quantinuum*

Analyst Crossfire is a fast-moving, forward-looking conversation highlighting important topics from throughout HPC + AI Wall Street. Participants get to play the role of industry analyst, opining on how the industry will evolve over both the short and long term. This lightning-fast discussion will be moderated by a veteran HPC analyst and guided by a set of slides with topics auto-advancing at regular intervals, with our panelists contributing their own viewpoints and perspectives.

SPECIAL EVENTS

TUESDAY, SEPTEMBER 17

VENDOR SHOWDOWN
with Intersect360 Research (5:00pm)

Moderator: Addison Snell, *Co-Founder & Chief Executive Officer, Intersect360 Research*

Marty Poniatowski, *Dir. of Presales Engineering, AMD*
Kirk Schell, *CEO, BOXX*
Jonathon Anderson, *Principal HPC Engineer, CIQ*
Matthew Shaxted, *CEO, Parallel Works*

Can a vendor's value proposition be presented with only three slides in five minutes? Can they stand up to tough questioning from a seasoned industry analyst? Find out in this session as Dan Olds from Intersect360 Research moderates a select group of vendors giving short presentations and being made to answer three tough questions — one of which will be a complete surprise. This is a fast-moving and fun session which will get past the marketing-speak and uncover the real story behind the story. At its completion, the audience will vote on which technology will have the biggest impact on Financial Services over the coming year.

WEDNESDAY, SEPTEMBER 18

ANALYST CROSSFIRE
with Intersect360 Research (5:00pm)

Moderator: Addison Snell, *Co-Founder & Chief Executive Officer, Intersect360 Research*

Lisa Spelman, *CEO, Cornelis Networks*
Doug Norton, *CMO, InspireSemi*
Motti Finkelstein, *Corporate Vice President and Chief Information Officer, Office of the CTO - Global Information Technology Intel*
Anand Shah, *Strategic Partnerships and Business Development, Quantinuum*

Analyst Crossfire is a fast-moving, forward-looking conversation highlighting important topics from throughout HPC + AI Wall Street. Participants get to play the role of industry analyst, giving their opinions on how the industry will evolve over both the short and long term. This lightning-fast discussion will be moderated by veteran HPC analyst Addison Snell and guided by a set of slides with topics auto-advancing at regular intervals, with our panelists contributing their own viewpoints and perspectives.

TUESDAY LIGHTNING TALKS

2:30: **The Key to GPU Utilization is GPU Availability**
Jeff Chu, *Senior Director Financial Services, Penguin Solutions*

2:45: **Accelerate Your AI Workloads and Lower Your TCO with Intel Xeon**
Motti Finklestein, *Corporate Vice President and Chief Information Officer, Office of the CTO - Global Information Technology, Intel*

3:00: **Building AI Data Infrastructure: Lessons From the Field**
Jonathan Symonds, *CMO, MinIO*

3:15: **Inside the IO Blender That is Generative AI**
Mike Bloom, *AI Solution Architect, WEKA*

WEDNESDAY LIGHTNING TALKS

2:30: **GenAI for Financial Services**
Chris Pozezanac, *Manager, Solutions Architecture, Elastic*

2:45: **Quantum Computational Finance: The Next Frontier**
Anand Shah, *Strategic Partnerships and Business Development, Quantinuum*

3:00: **Fuzzball for Portable, Reproducible Workflows**
David Godlove, *Lead Technical Product Writer, CIQ*

3:15: **Lessons Learned from Productizing AI Workloads with Open Source Technologies**
Florian Moss, *Principal Solution Architect and Automation Lead, Global Financial Service, Red Hat*

Lightning Talks will take place daily in the exhibits area.

Breakfast: A light breakfast will be served in the exhibits area from 8:15-10:15 each morning.

Coffee Break: A coffee break with snacks will be served in the exhibits area between 10:30-11:30 each morning, and between 2:30-4:30 each afternoon.

Lunch: Lunch will be served at 12:30 on Tuesday and 11:45am on Wednesday in the main ballroom.

Cocktail Party: All are welcome to attend a cocktail party sponsored by Quantinuum in the exhibits area from 6:00-7:30 Tuesday evening.

QUANTINUUM

ADVISORY BOARD

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TurnKeyTix

Jay Boisseau, Ph.D

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Ty Panagoplos

CEO

ParkWest Advisors

Former EVP & CIO Transformation, Santander US and Executive Director, JPMorgan Chase Grid

Ryan Quick

Principal

Providentia Worldwide

Former Chief Architect, PayPal Advanced Technology Group

J Ram

Co-Founder

Concourse Labs

Former Managing Director, Goldman Sachs Grid and CTO/ Executive Director, Morgan Stanley

Harvey Stein

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Two Sigma

Adjunct Professor, Columbia University

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Data Specialist, Privacy Lead GDPR – Cyber Threat Management

Nasdaq

Dino Vitale

Distinguished Engineer, Infrastructure Technology Solutions Cloud Engineering Team

TD Bank Group

Steve Yatko

CEO

Oktay Technology

Former Managing Director and Global Head of IT R&D and CTO, the Investment Bank at Credit Suisse Group

SPEAKERS

Rani Bhuva

EY Americas Financial Services Responsible AI Leader, Ernst & Young (EY)

Rani Bhuva is a principal at Ernst & Young LLP, with more than 20 years of experience providing analytics-driven risk and finance transformation services to financial services clients. Rani has worked with several global financial institutions in the strategy, planning, and execution of large-scale risk and finance transformation initiatives, including deploying and managing artificial intelligence (AI) to support finance and risk management functions. Rani currently works with financial services clients to create and maintain purposeful, agile, and vigilant governance for artificial intelligence. Rani earned her SB in Mathematics with Computer Science, SB in Management Science, and Minor in Economics from the Massachusetts Institute of Technology.

Mike Bloom

AI Solution Architect, WEKA

Mike Bloom has worked closely with television, telecom, healthcare, finance, and advertising industries since the early 1990s, largely involving the operation and development of infrastructure, data analytics, and data management. Mike's position with past storage vendors and his current position at WEKA as an AI Solution Architect provide him with opportunities to inspect a diverse range of workflows within Deep Learning and Generative AI.

Jay Boisseau

CEO & Co-founder, Vizias, and former HPC & AI Technology Strategist, Dell Technologies

Jay Boisseau is an experienced, recognized leader and strategist in advanced computing technologies, with over 25 years in the field. Jay is CEO and co-founder of Vizias, a small consultancy with expertise in HPC, AI, technology community building, and technology event support. Jay also serves as the executive director and founder of The Austin Forum on Technology & Society. Recent major work included serving as the HPC & AI Technology Strategist for Dell Technologies and leading and greatly expanding the global Dell HPC Community. Formerly, Jay created and led the Texas Advanced Computing Center (TACC) at The University of Texas at Austin and worked at the San Diego Supercomputer Center and the Arctic Region Supercomputing Center. He received his doctorate in astronomy from UT Austin, and his undergraduate degree in astronomy and physics from the University of Virginia.

Jeff Chu

Senior Director, Financial Services, Penguin Solutions

Jeff Chu is Senior Sales Director at Penguin Solutions, managing the Financial Services vertical. Penguin has sold and delivered some of the largest AI factories in the world, with over 75,000 GPUs under management. Jeff enjoys helping customers succeed with their initiatives on large-scale GPU clusters and driving business value using the latest technology from Penguin's partners. Prior to joining Penguin, Jeff enjoyed success at EMC, CA, Hitachi, Infinidat, and Pavilion. He has specialized in leading and building sales teams that provide material benefit to new and existing customers. Jeff is a graduate of Rutgers University.

Roman Chwyl

Managing Director Grid as a Service, IBM

Roman Chwyl is a seasoned Wall Street technology executive with over 25 years of experience, specializing in the fusion of High Performance Computing/Grid workloads and Public Cloud solutions. His proficiency encompasses onboard and operate models crucial for supporting large-scale computing environments and their requisite business frameworks. Throughout his career, Roman has held pivotal roles at major public cloud providers. He led the Azure FinTech division at Microsoft, contributed to the incubation of the AWS FinTech Market at Amazon, and established and managed the Financial Services vertical at Google Cloud. Currently, Roman directs strategy for large-scale computing and data-intensive workloads at IBM within the Wall Street sector. Roman is also the co-founder of Concourse Labs, a venture-backed SaaS company specializing in automated cloud governance solutions. These solutions facilitate the secure and efficient adoption of Cloud Computing for the Financial Services vertical. Roman's decade-long tenure at Platform Computing solidified his reputation as a business architect of Grid Computing for Wall Street, particularly with Symphony, recognized as the industry standard Grid Software solution. He effectively managed IBM's 2012 acquisition and its integration into the Financial Services Vertical, serving top-tier financial institutions. Roman holds a B.Sc. in Physics and Mathematics from the University of Toronto and currently resides in New York.

Kiranjot Dhillon

EY America Financial Services AI Leader, Ernst & Young (EY)

Kiranjot Dhillon is a Senior Manager in the data and analytics practice at EY. She is an AI leader and works with Financial Services clients to drive AI adoption and generate value while managing associated AI risks. Kiranjot has led several large-scale AI transformation initiatives spanning development and responsible deployment of AI solutions to enhance operations, manage risks, and elevate customer experiences. Prior to EY, Kiranjot worked as a software

engineer in the mobile application development space. She holds an MS in Information Systems Management from Carnegie Mellon University, and a BTech in Information Technology from Bharati Vidyapeeth University, India.

Doug Eadline, PhD

Managing Editor, HPCwire

Douglas Eadline, PhD, began his career as Analytical Chemist with an interest in high performance computer methods. Starting with the first Beowulf "How-To" document, Doug has written hundreds of articles, white papers, and instructional documents covering many aspects of Linux HPC, Hadoop, and Data Analytics computing. Prior to launching and editing the popular ClusterMonkey.net website in 2005, he served as editor-in-chief for *ClusterWorld Magazine* and was senior HPC Editor for *Linux Magazine*. Doug is author of several books and instructional videos covering the practical aspects of HPC and scalable tools for data science.

Motti Finkelstein

Corporate Vice President and Chief Information Officer, Office of the CTO – Global Information Technology, Intel

Motti Finkelstein is the Corporate Vice President – Chief Information Officer (CIO), leading the Global IT organization at Intel Corporation. As CIO, Motti is focused on delivering digital business outcomes while optimizing and automating IT capabilities. The scope of his responsibilities includes data and analytics, IT support for Intel's corporate functions and supply chain organizations, manufacturing IT, help desks, end-user technologies, architecture, and infrastructure. Prior to this, Motti was the Chief Technology Officer at Bank of Montreal Capital Markets, where his responsibilities included architecture definition and management, data architecture, IT strategy formulation, and engineering. Motti was also a Senior Advisor at McKinsey and was at Citi/Citigroup for over twenty years as the Global CTO of Strategy and Planning and CTO of the Americas. Motti drove Global Strategy and Planning, creating a culture of innovation and agility in the areas of Cloud, Big Data, Software Defined Data Centers, Robotics Process Automation, and User Experience. Motti holds an M.B.A. in International Business from the Zicklin School of Business, Baruch College and a Bachelor of Technology & Applied Sciences in Computer Software Engineering from the Jerusalem College of Technology (Lev Institute).

David Flynn

Co-founder and CEO, Hammerspace

Hammerspace co-founder and CEO David Flynn is a recognized leader in IT innovation who has been architecting disruptive computing platforms since his early work in supercomputing and Linux systems. David pioneered the use of flash for enterprise application acceleration as founder and former CEO of Fusion-io, which was acquired by SanDisk in 2014. As Fusion-io CEO, David was responsible for the company's

strategic direction, and was the visionary behind the company's innovative technology and market strategy. Preceding his position as CEO, David held the CTO position, where he created the company's foundational research and development efforts, as well as the development of short- and long-term technological roadmaps. Previously, David served as Chief-Architect at Linux Networx, where he was instrumental in the creation of the OpenFabrics stack and designed several of the world's largest supercomputers leveraging Linux clustering, InfiniBand, and RDMA-based technologies.

Arti Garg

Head of Technology Strategy & Evaluation, Office of the CTO and HPE Senior Distinguished Technologist, HPE

Arti Garg is Chief Strategist for the AI Solutions business at Hewlett Packard Enterprise. As part of her role, she oversees HPE's advanced AI technology programs, including the AI Advance start-up program and advanced AI processor partnerships. Over her career, she has held several data science leadership roles in the computing and industrial sectors. In the past, Dr. Garg has also worked in the U.S. government at the White House Budget Office and as a legislative adviser in the U.S. Congress. She holds a PhD in Physics and an MS in Aeronautical & Astronautical Engineering.

Tony Gaughan

Co-founder and CEO, morphing

Tony Gaughan is co-founder and Chief Executive Officer of morphing, which he launched in 2024 with co-founder and COO Paul Buttle and co-founder and CTO Luca Gibelli. Tony is the visionary behind the morphing product and platform strategy, making AI work securely for the enterprise. He leads the company in its mission to empower enterprises to securely exploit Generative AI's productivity potential. Tony's extensive prior experience includes leading and guiding multiple early stage startups through growth to successful exits and as a senior executive focused on product and engineering with some of the world's most successful enterprise software companies, including Oracle, Peoplesoft, CA, and Proofpoint.

David Godlove, PhD

Lead Technical Product Writer, CIQ

David (Dave) Godlove has a user-focused background and a love of containers. He began his career studying topics such as consciousness, decision making, and error monitoring as a classically-trained Neurophysiologist. As a postdoctoral fellow at the National Institutes of Health, Dave used the Biowulf cluster to analyze fMRI images and perform signal processing on intracranial recordings and became fascinated by HPC.

HPE and AMD

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He joined the Biowulf group as a staff scientist, helping to develop and promote the use of Linux containers in HPC. Dave worked as the release manager and a community leader for Apptainer (then Singularity). He later joined CIQ as a Solutions Architect, and currently works as the Lead Technical Product Writer, documenting the HPC 2.0 solution Fuzzball. Dave holds a doctorate in Neuroscience from Vanderbilt University and an undergraduate degree in Psychology from Radford University.

Raj Hazra

CEO, Quantinuum

Rajeeb (Raj) Hazra is CEO of Quantinuum and has more than three decades of experience in supercomputing, quantum, and technical roles across the globe. Prior to joining Quantinuum, he served as the General Manager, Compute and Networking Business Unit at Micron Technologies and spent 25 years at Intel Corporation, leading the Enterprise and Government Group, Technical Computing Group, Supercomputer Architecture and Planning, and Systems Technology Research. Before joining Intel in 1995, Raj was with the Lockheed Corporation, based at NASA's Langley Research Center. He prides himself on building high-performing teams with a growth mindset and a culture of truth and transparency. Raj has a Ph.D. and a master's degree in Computer Science from the College of William and Mary in Virginia, U.S., and a bachelor's degree in Computer Science from Jadavpur University in Kolkata, India, and holds 16 patents.

Jeff Karmiol

Senior Symphony & HPC Cloud Product Manager, IBM

Jeff Karmiol is a Senior Product Manager for IBM Platform Computing. Prior to this role, Jeff was a Product Marketing Manager for Spectrum Computing and a PM for HPC Cloud at IBM and Platform Computing. Jeff developed his PM skills at PlateSpin, Novell, and BorderWare Technologies, where he managed disaster recovery and security software and appliance programs. Before diving into Product Management, Jeff had a successful, decade-long career as a technical writer that culminated in managing a team of information developers focusing on usability and the user experience. Jeff started his 30-year career after earning a degree in Computer Science at York University in Toronto, Canada.

Matthew Klos

Senior Storage Sales Specialist, Storage for Data and AI – Scale, IBM

Matthew is a Senior Solutions Architect at IBM with more than a decade of experience working with HPC storage and parallel filesystems. Matthew supports users in Financial Services, Medical Research, Automotive, and Manufacturing, along with many other disciplines.

Visit the IBM booth between sessions!

Jay Modh

CEO and Founder, Intuitive.Cloud

Jay Modh is a seasoned business and technology leader with a vast and diverse background in advanced technology solutions and business services. He has a strong track record of building state-of-the-art Cloud (Public/Hybrid/Private) and SDx infrastructures for global enterprises. His expertise encompasses Cloud Transformation/Migration, Data Engineering — including Database, Data Warehouse, and Data Lake (BI & AI/ML) — as well as Cloud Security & GRC, DevSecOps & Site Reliability Engineering, Cloud Application Delivery/Modernization/Containers/Serverless, and SDDC & SDx. In addition to his technical prowess, Jay is an active venture capitalist, strategically investing in B2B and B2B2C startups within the Cyber Security, Cloud, Containers, Data, and FinTech sectors. He leverages his deep knowledge of AI/ML and Deep Learning to guide these startups, providing critical funding from Pre-Series-A to Series-C, and helping them craft global go-to-market strategies, achieve market growth, and create lasting value.

Florian Moss

Principal Solution Architect and Automation Lead, Global Financial Service, Red Hat

Florian Moss is a Principal Architect and Automation Lead for Financial Services within Red Hat. Specializing in enterprise architecture, application modernization, and large scale automation, Florian has successfully led the design and implementation of complex, scalable solutions for major financial institutions. With deep expertise in areas such as risk management, data governance, and regulatory compliance, Florian bridges the gap between business needs and technology capabilities, driving impactful transformation strategies.

Doug Norton

CMO, InspireSemi

Doug is a senior business development, sales, and marketing executive with 35 years of experience in public and startup enterprise technology companies. He brings a customer-focused approach to product/market strategy, creating technology, OEM & channel partnerships, and building worldwide sales teams. Doug began his career at IBM in product development then moved to the sales and marketing organization. He went on to various leadership positions at Cadence, CoWare, Newisys, Virtual Instruments, and Nimbix. Doug is President of the Society of HPC Professionals and sits on various RISC-V committees. Doug earned a BSEE cum laude from Missouri University of Science & Technology.

Ty Panagoplos

CEO, ParkWest Advisors, and former EVP & CIO Transformation, Santander US, CIO, TD Securities, and Executive Director, JPMorgan Chase Grid

Ty Panagoplos has held very senior C-level roles at large global firms over the past 25 years, including JP Morgan, Lehman Brothers, Barclays, TD, and Santander. Ty has extensive global experience having led and built out teams in North America, Europe, Asia, and Africa, spanning many financial services business lines including both Retail and Capital Markets. He also has a detailed understanding of the regulatory environment and requirements in many global jurisdictions. Formally educated as an electrical engineer with extensive hands-on software development experience, Ty has a deep technical background, which is critical for making multi-million dollar architecture, design, and technology decisions, and for ensuring delivery of the most effective technology in support of the business. Ty has been responsible for technology vision and strategy, and has a strong track record of helping FinTech firms to align their strategy and capabilities to current needs and gaps in the market.

Lou Pastina

Managing Member, Global Markets Advisory Group, and former EVP Operations, New York Stock Exchange

Lou is the former Executive Vice President who managed the NYSE transition from a manual market to an electronic/hybrid market and oversaw the trading floor for seven years, capping a 31-year career at the New York Stock Exchange. In addition, Lou was on the DTCC Board of Directors for seven years, chairing their Ops & Tech Committee, and was also a member of SIFMA's Ops & Tech Committee. When Lou left the NYSE, he became a Director for the NSX Exchange, chairing their Regulatory Oversight Committee. As Managing Member, he helped found an advisory firm focused on technology and regulation, Global Markets Advisory Group (GMAG), and in that capacity was advisor to the recently filed-for-approval Green Impact Exchange (GIX), which is focused on bringing better environmental management to our markets.

Prakash Pattni

Managing Director, Financial Services, IBM

Prakash Pattni is MD, Digital Transformation and partners with IBM's financial services clients to deliver their transformation and digitization goals. Prakash has over 20 years of Financial Services experience gained with financial institutions like JPMorgan Chase and Goldman Sachs across technology, investment banking, operations and finance. Prior to joining IBM in early 2021, Prakash was MD for Cloud Transformation at JPMorgan Chase. Prakash also leads IBM's efforts with the start-up and Fintech community.

Alessandro Petroni

CEO, BusinessMesh Inc.

Alessandro Petroni is a visionary business and technology strategy executive with a passion for driving innovation and business growth. He has held leadership positions at top financial institutions, including Deutsche Bank and Merrill Lynch Bank of America, and directed global FinServ strategy at Red Hat. Alessandro is a recognized thought leader, publishing numerous articles and authoring the Wiley e-book "Open APIs for Financial Services." He is currently CEO of BusinessMesh Inc, a consulting startup focused on technology strategy development and AI solutions, and holds certifications from MIT and Harvard Business School, and an MS in Computer Sciences from the University of Trento, Italy.

Marco Pistoia

Senior Vice President of Research, Managing Director, Distinguished Engineer and Head of JPMorgan Chase's Global Technology Applied Research

Marco Pistoia, Ph.D. is Managing Director, Distinguished Engineer, and Head of JPMorgan Chase's Global Technology Applied Research. He joined JPMorgan Chase in January 2020. Formerly, he was a Senior Manager, Distinguished Research Staff Member and Master Inventor at the IBM Thomas J. Watson Research Center in New York, where he managed an international team of researchers responsible for Quantum Computing Algorithms and Applications. He is the inventor of over 250 patents, granted by the U.S. Patent and Trademark Office, and over 300 patent-pending applications. He is also the author of over 400 scholarly papers published in international journals and conferences.

Marty Poniatowski

Director of Presales Engineering, AMD

In his role as a Presales Director at AMD, Marty is a hands-on manager who collaborates with his team of highly skilled technical experts to develop creative solutions for their clients' complex challenges. Together, they craft designs that drive compelling business outcomes using advanced AMD technology. His team covers US East, US Central, and Canada. Marty's vision encompasses all aspects of technology and business, with a focus on current and future trends in sustainability, artificial intelligence, data center efficiency, and more. Marty's vast experience includes leadership positions in both large technology firms as well as channel partners, giving him a unique perspective to solving customer challenges. He has authored 21 books in the span of his career, his latest being "Edge to Cloud Solutions." Marty holds graduate degrees in Information Technology and Management from New York University (NYU) and an undergraduate degree in Electrical Engineering.

Chris Pozezanac

Manager, Solutions Architecture, Elastic

A skilled technology professional, Chris boasts nearly 20 years of experience building solutions for global enterprises in data storage, security, and the hybrid cloud. He is currently responsible for strategic accounts at Elastic as a solutions architect, helping customers build world-class search, observability, and security solutions. Prior to Elastic, Chris led a global team of solution architects at NetApp supporting some of the largest financial services and telecommunications clients in the world. Chris earned his Bachelor's degree in Computer Technology from Purdue University.

Molly Presley

SVP Global Marketing, Hammerspace

Molly Presley is the SVP of Global Marketing for Hammerspace and the host of the very popular Data Unchained podcast. She brings a wealth of experience from leading product and marketing organizations, user communities, and customer advisory boards for global technology innovators including DDN, Qumulo, and Quantum. Molly is the founder of the Active Archive Alliance, co-author of three books focused on putting data to use in research, analytics, and AI environment, and was a previous board member of the Storage Networking Industry Association (SNIA).

Ryan Quick

Principal & Co-Founder, Providentia Worldwide, and former Chief Architect, PayPal Advanced Technology Group

Ryan Quick has been focused on distributed systems for the last 25 years, with special attention placed on the interaction between applications, operating systems, and the hardware and networks underlying them. He has consulted on high-throughput transactional platforms, security, and systems integration for banking, holds patents for messaging middleware systems, and is a pioneer in bridging HPC technologies with enterprise best-practice infrastructure. Ryan is an expert at scale-out systems, UNIX kernel design, and profiling, and has been recognized for innovation in hardware and application design, as well as in messaging ontology and distributed event-driven systems. His current efforts bring machine learning, real-time streaming, set-selection, and digital signal processing technologies to bear on predictive analytics to provide self-healing for command and control systems.

J Ram

Co-Founder, Concourse Labs, and former Managing Director, Goldman Sachs Grid and CTO/Executive Director, Morgan Stanley Grid

J Ram serves as the VP/Co-Founder and CISO at Concourse Labs, a company specializing in automating and managing cloud governance and posture for multi-cloud environments. Before joining Concourse Labs, J Ram held the position of Head of Cloud at Goldman Sachs, where he oversaw cloud for RISK and Pricing (secBD). During his tenure, he successfully streamlined operations, facilitating significant growth in the secDB cloud, which in turn enabled new business opportunities. In his earlier career as the CTO of Morgan Stanley Infrastructure, J Ram played a pivotal role in developing the Aurora Platform and Compute Grid. His innovations and automation efforts resulted in the creation of a cutting-edge compute grid, ushering in a new era of financial products. J Ram's contributions have been instrumental in shaping the landscape of cloud technology and financial services. J Ram serves as the VP/Co-Founder and CISO at Concourse Labs, a company specializing in automating and managing cloud governance and posture for multi-cloud environments. Before joining Concourse Labs, J Ram held the position of Head of Cloud at Goldman Sachs, where he oversaw cloud for RISK and Pricing (secBD). During his tenure, he successfully streamlined operations, facilitating significant growth in the secDB cloud, which in turn enabled new business opportunities. In his earlier career as the CTO of Morgan Stanley Infrastructure, J Ram played a pivotal role in developing the Aurora Platform and Compute Grid. His innovations and automation efforts resulted in the creation of a cutting-edge compute grid, ushering in a new era of financial products. J Ram's contributions have been instrumental in shaping the landscape of cloud technology and financial services

John Russell

Managing Editor, QCwire, HPCwire

A previous winner of the Jesse H. Neal National Business Journalism Award (which has been called "the Pulitzer Prize of the business media,"), John Russell leads *HPCwire*'s coverage of quantum computing and helped spearhead development of *QCwire*, Tabor Communications' recently-launched monthly newsletter covering quantum information sciences. John has broad science and business journalism expertise with extensive knowledge of the biopharmaceutical and advanced IT industries. He was formerly a founding executive editor for *Bio-IT World*, which focused on the intersection of advanced computing technology and life sciences.

Anand Shah

Strategic Partnerships and Business Development, Quantinuum

Anand Shah manages Strategic Partnerships at Quantinuum. He brings his background in computational sciences, materials informatics, and entrepreneurship to help enterprises formulate and implement long-term quantum computing R&D roadmaps, bridging the gap between applied research and business value. In his present role at Quantinuum, Anand has worked with organizations across the energy, pharmaceutical, industrial, and financial sectors to drive investment into and adoption of quantum technologies.

Matthew Shaxted

CEO, Parallel Works

Matthew Shaxted is the CEO of Parallel Works, leading the organization to grow into a prominent provider of High Performance Computing (HPC) control plane technology. Since co-founding the company in June 2015, Matthew has been instrumental in guiding its expansion and innovation, leveraging his deep expertise in civil engineering simulation and data analytics. He plays a pivotal role in aligning customer needs with the company's technology roadmap and effectively translating these requirements into business opportunities. Matthew's visionary leadership and strategic insight continue to propel Parallel Works' success in the HPC sector.

Kirk Schell

CEO, BOXX

Kirk Schell is the Chief Executive Officer of BOXX Technologies, a leading provider of high-performance computing solutions. He has an extensive background in product development, marketing, and sales, focused on customer-driven innovation. Kirk joined BOXX in April 2024 after serving as President of global components at Arrow Electronics. Prior to that position, for over two decades, Kirk held a number of leadership roles at Dell Technologies. He served as Senior Vice President of multiple product groups, including the Commercial Client group, Dell Precision Workstations, the Dell Displays group, and as Senior Vice President of the Asia-Pacific sales region. Prior to his time at Dell, Kirk served as an Officer in the US Navy.

Addison Snell

Co-Founder & Chief Executive Officer, Intersect360 Research

Addison Snell is a veteran of the HPC industry and the co-founder and CEO of Intersect360 Research, now in its 15th year delivering forecasts and insights for high-performance markets. Intersect360 Research is a premier source of market information, analysis, and consulting for HPC and hyperscale industries worldwide. Addison is a frequent keynote speaker and panel moderator at industry events, has testified before the U.S.-China Economic & Security Review Commission Congressional Subcommittee, and was named one of 2010's "People to Watch" by HPCwire. Prior to Intersect360 Research, Addison was an HPC industry analyst for IDC. He originally gained industry recognition as a marketing leader and spokesperson for SGI's supercomputing products and strategy. Addison holds a master's degree from the Kellogg School of Management at Northwestern University and a bachelor's degree in Mathematics from the University of Pennsylvania.

Bob Sorensen

Senior Vice President of Research, Chief Analyst for Quantum Computing, Hyperion Research

Bob Sorensen is Hyperion Research's Chief Analyst for Quantum Computing. Bob's areas of expertise include analysis of advanced computing hardware, architectures, interconnects, and performance metrics for both classical and quantum systems. Before joining Hyperion Research, Bob worked 30+ years for the U.S. Federal Government as a Senior Science and Technology analyst covering global advanced computing developments to support senior-level U.S. policy makers, including those in the White House, Department of Defense, and Treasury. Bob has a BSEE from the University of Rochester and a MSCS from George Washington University. He strongly prefers C to Python.

Lisa Spelman

CEO, Cornelis Networks

As CEO of Cornelis Networks, Lisa Spelman is responsible for the overall management of the company. She brings more than two decades of executive leadership experience, most recently serving as corporate vice president in the Data Center & AI Group and general manager of Xeon Products and Solutions at Intel Corporation. During her tenure, Lisa expanded Xeon's capabilities to accelerate AI workloads, establishing CPUs as a leading inference engine across the industry. Lisa also held several senior leadership roles within Intel's IT organization, including infrastructure operations and engineering, as well as positions in finance, data center product and brand marketing, and sales. Lisa is a graduate of the University of Washington, with a degree in business administration.

Harvey Stein

Senior VP, Two Sigma, and Adjunct Professor, Columbia University

Harvey J. Stein is the Senior VP, Research Analytics and Methodology, Two Sigma Labs. He was previously head of the Quantitative Risk Analytics Group at Bloomberg LP, where he did research on credit risk modeling, market risk analysis, and portfolio optimization, and worked on the 'Risk-Neutral Risk Measures' project. Harvey's experience and expertise include Numerical Analysis, Risk Management, Stochastic Processes, High-Performance Computing, Asset Pricing, Quantitative Finance, Parallel Programming, Numerical Methods, and Stochastic Analysis.

Bob Sutor

Vice President and Practice Lead for Emerging Technologies, The Futurum Group

Dr. Bob Sutor has been a technical leader and executive in the IT industry for over 40 years and is currently the Vice President and Practice Lead for Emerging Technologies at The Futurum Group. Bob spent 20+ years at IBM Research, including as Vice President for Mathematical Sciences, working on or leading efforts in AI, quantum computing, optimization, mathematical software, and blockchain, and was also Vice President of Corporate Development and, later, Chief Quantum Advocate at Infleqtion, a quantum computing and sensing company. He is also an Adjunct Professor in the Department of Computer Science and Engineering at the University of Buffalo, New York, USA and is the author of both Dancing with Qubits and Dancing with Python. Bob is a theoretical mathematician by training, with a Ph.D. from Princeton University, and an undergraduate degree from Harvard College.

Jonathan Symonds

CMO, MinIO

Jonathan Symonds is the Chief Marketing Officer for MinIO, where he is responsible for product marketing, demand generation, and corporate awareness. Previously, Jonathan was the CMO of Ayasdi, a pioneer in the field of machine intelligence, and was the VP of Marketing for GPU-powered analytics pioneer MapD. He has over 20 years of enterprise software and analytics marketing experience at Ace Metrix, 2Wire, and Tandberg, and holds an MBA from Cornell and a BA from Washington and Lee University.

Bruno Taketani

Senior Manager Quantum Solutions, Quantum & AI Solutions Team, ParTec

Bruno G. Taketani is the Senior Manager of Quantum Solutions at ParTec, where he oversees the development of the company's modular quantum computing products. He has over 15 years of experience in the field working on a wide range of topics, including HPC-QC integration, quantum algorithms and applications, and their implementation on several different physical platforms. Bruno is also dedicated to building the future of the quantum computing industry, working with the European Quantum Industry Consortium and as an advisor to the EuroHPC Joint Undertaking.

Dominik Ulmer

Chief Quantum and AI Solutions Officer, ParTec

As the Chief Quantum and AI Solutions Officer, Dominic Ulmer is responsible for ParTec's holistic quantum approach and AI solutions based on the dynamic modular system architecture. Until March 2020, he coordinated technical HPC and AI sales in the EMEA region at HPE. Prior to that, he was Vice President Business Operations EMEA at Cray and General Manager of the Swiss National Supercomputing Centre. Dominik is also a member of the Board of Non-Executive Directors at NAG and has extensive expertise in industry and the public sector.

Dino Vitale

Distinguished Engineer, Infrastructure Technology Solutions Cloud AI/ML Platform Engineering, TD Bank Group

Dino Vitale is a Distinguished Engineer in the Cloud Engineering group of TD Bank Group, leading the adoption of ML and AI across the enterprise. He is currently focusing on enabling various ML/AI cloud-based services and capabilities, including Generative AI, AI/ML ops, model risk governance/compliance, data engineering/pipelines, and helping applications teams adopt AI services (speech, language, translation). In previous roles, Dino helped revolutionize the adoption of multi-tenant HPC compute grids at various large financial services and designed/built large-scale shared compute environments and automation that supported risk management and analytics workloads. Dino has extensive architecture experience working with a wide range of technologies in designing/implementing data lakes, micro-services, HPC clusters, event streaming, data platforms, and implementing automation tooling for operational scalability and dev/sec ops.

Josh West

Distinguished Solutions Architect for Financial Services, Red Hat

Josh West is a Distinguished Solutions Architect for Financial Services at Red Hat, where he has worked for 17 years. He leads initiatives for top global financial firms in areas such as retail and corporate banking, capital markets, and risk management. Josh specializes in business transformation, cloud infrastructure, data & AI, and advanced architectural strategies. He collaborates with customers, system integrators, OEMs, and the software vendor ecosystem to solve business problems with strategic technical solutions.

Alex Woodie

Managing Editor, Datanami

Alex Woodie has written about IT as a technology journalist for more than a decade. He brings extensive experience from the IBM midrange marketplace, including topics such as servers, ERP applications, programming, databases, security, high availability, storage, business intelligence, cloud, and mobile enablement. Alex resides in the San Diego area.

Steve Yatko

CEO & Founder, Oktay Technology, and former Managing Director and Global Head of IT R&D and CTO, the Investment Bank at Credit Suisse Group

Steve Yatko has 20+ years of experience in advanced enterprise IT systems and technology. Over the past eight years, he's led his own boutique consulting firm, Oktay Technology, into multi-year strategic technology advisory partnerships with some of the most innovative and successful firms on Wall Street, including Bank of America, Wells Fargo, Bloomberg, Deutsche Bank, Morgan Stanley, Credit Suisse, Liquidnet, and Bridgewater Associates. Over the past year, he's also led his software development firm, Renascence Development, into strategic partnerships with the development of modern informatics and AI and Machine Learning systems for firms on Wall Street and in healthcare. Steve is an industry advisor to Starr Investment Holdings (SIH) and a co-founder of DynamicOps, a Credit Suisse spinout acquired by VMware. Previously, Steve was a Managing Director and Global Head of the IT Research & Development at Credit Suisse, including over 14 years of driving innovative technology into solutions that differentiated Credit Suisse's Trading and Analytics technology platform.

WED. 5:45PM – RAFFLE ON THE MAIN STAGE

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HPE/AMD

Hewlett Packard Enterprise is the global edge-to-cloud company built to transform your business. How? By helping you connect, protect, analyze, and act on all your data and applications wherever they live, from edge to cloud, so you can turn insights into outcomes at the speed required to thrive in today's complex world. **Advanced Micro Devices, Inc.** has driven innovation in high-performance computing, graphics, and visualization technologies for more than 50 years. Billions of people, leading Fortune 500 businesses and cutting-edge scientific research institutions around the world, rely on AMD technology daily to improve how they live, work, and play.

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IBM

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Learn more at www.ibm.com.

ParTec

ParTec AG specializes in the development and manufacture of AI supercomputers based on its modular High Performance Computing (HPC) systems and Quantum Computers (QC), as well as the associated system software. With its component-based system architecture, ParTec's quantum computers are designed in a modular, qubit-agnostic approach that can accommodate different QPU types and quantum computing modalities. This holistic, full-stack solution also comprises an integration software to bridge between classical and quantum computing, an emulator acting as a digital twin of the physical system, and an open source-based programming user environment.

Learn more at www.par-tec.com.

GOLD

CIQ

At CIQ, we believe that true success — both in business and in life — emanates from doing the right thing. Our ethos is built around the idea that we are part of something larger than ourselves and that real growth is a collective effort. We're committed to supporting our community of innovators, builders, and leaders because we understand that each individual has a unique role in shaping the future. Our mission is to simplify and unify software infrastructure, enabling you to craft groundbreaking technologies for future generations.

Learn more at www.ciq.com.

Elastic

Elastic, The Search AI Company, enables everyone to find the answers they need in real time, using all their data, at scale — unleashing the potential of businesses and people. The Elastic Search AI Platform, used by more than 50% of the Fortune 500, brings together the precision of search and the intelligence of AI to enable everyone to accelerate the results that matter. By taking advantage of all structured and unstructured data — securing and protecting private information more effectively — Elastic's complete, cloud-based solutions for search, security, and observability help organizations deliver on the promise of AI.

Learn more at www.elastic.co.

Intel

Intel (Nasdaq: INTC) is an industry leader, creating world-changing technology that enables global progress and enriches lives. Inspired by Moore's Law, we continuously work to advance the design and manufacturing of semiconductors to help address our customers' greatest challenges. By embedding intelligence in the cloud, network, edge, and every kind of computing device, we unleash the potential of data to transform business and society for the better.

Learn more at www.newsroom.intel.com and www.intel.com.

MinIO

MinIO is a high-performance, Kubernetes-native object store designed for AI/ML, analytics, and large-scale cloud-native applications. With its emphasis on simplicity, scalability, security, and performance, MinIO enables enterprises to deliver industry-leading throughput and IOPS from TBs to EBs of data. Compatible with S3, MinIO's rich enterprise feature set includes erasure coding, bitrot protection, IAM, ILM, replication, object locking, strict consistency, and inline encryption. MinIO is trusted by dozens of FSIs for their most mission-critical object storage workloads.

Learn more at www.min.io.

Penguin Solutions

Penguin Solutions designs, builds, deploys, and manages AI and accelerated computing infrastructures at scale. With 25+ years of HPC experience — and more than 75,000 GPUs deployed and managed to date — Penguin is a trusted strategic partner for AI and HPC solutions and services for leading organizations around the world. The company's OriginAI infrastructure, which is backed by Penguin's specialized intelligent cluster management software, streamlines AI implementation and management and enables predictable AI cluster performance that supports customers' business needs for clusters small or large, ranging in size from hundreds to thousands of GPUs.

Learn more at www.penguinsolutions.com.

Quantinuum

Quantinuum, the world's largest integrated quantum computing company, pioneers powerful quantum computers and advanced software solutions. Quantinuum's technology drives breakthroughs in materials discovery, cybersecurity, and next-gen quantum AI. With over 500 employees, including 370+ scientists and engineers, Quantinuum leads the quantum computing revolution across continents.

Learn more at www.quantinuum.com.

Red Hat

Red Hat is the leader in open source infrastructure and application development solutions for enterprise organizations. We provide a broad portfolio of trusted open source software that helps organizations implement security, in a layered approach, across the infrastructure and application stack and life cycle to help secure workloads on-premise, in the cloud, or at the edge.

Learn more at www.redhat.com.

WEKA

WEKA is the data platform provider for AI and other performance-intensive workloads leading a paradigm shift in how data is stored, processed, and managed. The WEKA® Data Platform is a software solution that transforms legacy data architectures and stagnant data silos into dynamic data pipelines that power GPUs efficiently and fuel generative AI, ML, and HPC workloads seamlessly and sustainably. Its advanced cloud-native architecture is optimized to

solve complex data challenges at scale, delivering 10-100x performance improvements across edge, core, cloud, hybrid, and multicloud environments. WEKA helps the world's leading data-driven organizations accelerate research and discovery breakthroughs and business outcomes. Learn more at www.weka.io.

SILVER

BOXX

BOXX is the leading innovator of high-performance computer workstations and servers purpose-built for AI, as well as engineering, product design, architecture, visual effects, animation, and more. Combining record-setting performance and reliability with unparalleled industry knowledge, BOXX is the trusted choice of data scientists and creative professionals worldwide. For 28 years, BOXX has accelerated workflows, enabling users to increase productivity and profit with systems designed, manufactured, and supported in the USA. Through established industry partnerships with NVIDIA, Intel, AMD, and leading software providers, as well as the innovative integration of only enterprise-class components, BOXX builds the fastest workstations in the world.

Learn more at www.boxx.com.

CDW Corporation

CDW Corporation, a Fortune 500 company and member of the S&P 500 Index, provides a broad array of products and services ranging from hardware and software to integrated IT solutions such as security, cloud, hybrid infrastructure, and digital experience. CDW services more than 250,000 business, government, education, and healthcare customers in the United States, the United Kingdom, and Canada to help navigate an increasingly complex IT market and maximize return on their technology investments.

Learn more at www.cdw.com.

InspireSemi

InspireSemi is an Austin-based chip design company that has built a technology foundation that delivers best-in-class performance, energy efficiency, versatility, and a thriving open software ecosystem. This enables it to address the multiple, diversified markets of High Performance Computing (HPC), AI, graph analytics, and blockchain. It has a disruptive and strongly differentiated accelerated computing solution compared to existing approaches for these markets. InspireSemi is led by an accomplished team with a proven track record and is leveraging an efficient operating model with world-class outsourced manufacturing partners (e.g., TSMC, ASE). Leading industrial companies, national labs, computer OEMs, and crypto mining companies value InspireSemi's technology, innovative North America design team, and predictable supply chain.

Learn more at www.inspiresemi.com.

MiTAC Computing Technology

MiTAC is a global leader in server solutions, recognized for their innovation and commitment to quality. On May 1st 2023, Intel announced its intention to exit the server business and pass the Intel DSG (Datacenter Solutions Group) business on to MiTAC, their long-time ODM partner. Since this arrangement, MiTAC has been selling, supporting, and continuing to build the current Intel DSG products. MiTAC also has an extensive range of AMD accelerator-based offerings and GPU-populated AI server products. Whether you are managing complex workloads, expanding your IT infrastructure, or looking for cost-effective, high-performance solutions, MiTAC servers have you covered.

Learn more at www.mitacmct.com.

BRONZE

Codewilling

Code Willing is a one-stop quant shop delivering a FinTech solution to capture alpha and drive business results. Clean and connect your data to develop robust signals for your strategies. Leverage our high-performance systems to accelerate your research workflows. CW is the only full-stack platform that allows you to keep your bottom line in check, every

day. Our budgeted compute orchestration provides controls to monitor your and your team's P&L down to the cent. Get ready to unleash your data value and compute power for maximum return.

Book a demo at www.codewilling.com

Cornelis Networks

Cornelis Networks is a technology leader delivering purpose-built, high-performance fabrics accelerating High Performance Computing, High Performance Data Analytics, and Artificial Intelligence workloads in the Cloud and in the Data Center. The company's products enable scientific, academic, governmental, and commercial customers to solve some of the world's toughest challenges by efficiently focusing the computational power of many processing devices at scale on a single problem, simultaneously improving both result accuracy and time-to-solution for their most complex application workloads. Cornelis Networks delivers its end-to-end interconnect solutions worldwide through an established set of server OEM and channel partners.

Learn more at www.cornelisnetworks.com

Drut Technologies

Drut Technologies is a young company in the greater Boston area providing GPU server virtualization software as well as an all-photonic interconnect system for the AI/ML era of data centers. Our DX 3.0 is an advanced server software system that incorporates the network fabric to deliver GPU server virtual disaggregation. Virtual disaggregation modernizes GPU developments by making it possible to deploy faster, configure more easily, and finely allocate a precise number of GPUs for the most complex enterprise AI/ML applications. Our DynamicXceleratorTM delivers hardware disaggregation that separates compute, storage, GPUs, and networking components into distinct resources, connected by an all-photonic fabric.

Learn more at www.drut.io.

Intuitive Cloud

Intuitive.Cloud is one of the fastest-growing companies in the Americas that is focused on IT solutions and services (as recognized by CRN & INC 5000), supporting 130+ Enterprises globally. With the reputation of being a TigerTeam and a Trusted Partner, Intuitive's solution-centric SMEs, across its core superpowers, help solve the most complex challenges and initiatives for enterprises.

Learn more at www.intuitive.cloud.

Parallel Works

Parallel Works was founded in 2015 from technologies developed at Argonne National Laboratory, with the goal of democratizing HPC and AI, and a strong focus on commercializing workflow technologies to reinvent how R&D practitioners interact with diverse computing resources. Parallel Works ACTIVATE is the premiere control plane for HPC and AI resources, empowering teams with seamless provisioning, management, and sharing of compute resources at scale across on-premises, cloud, and hybrid environments with advanced cost control and budgeting features. ACTIVATE facilitates collaborative research and enhances productivity through intuitive interfaces and API-driven processes, enabling flexible HPC cluster creation in the cloud.
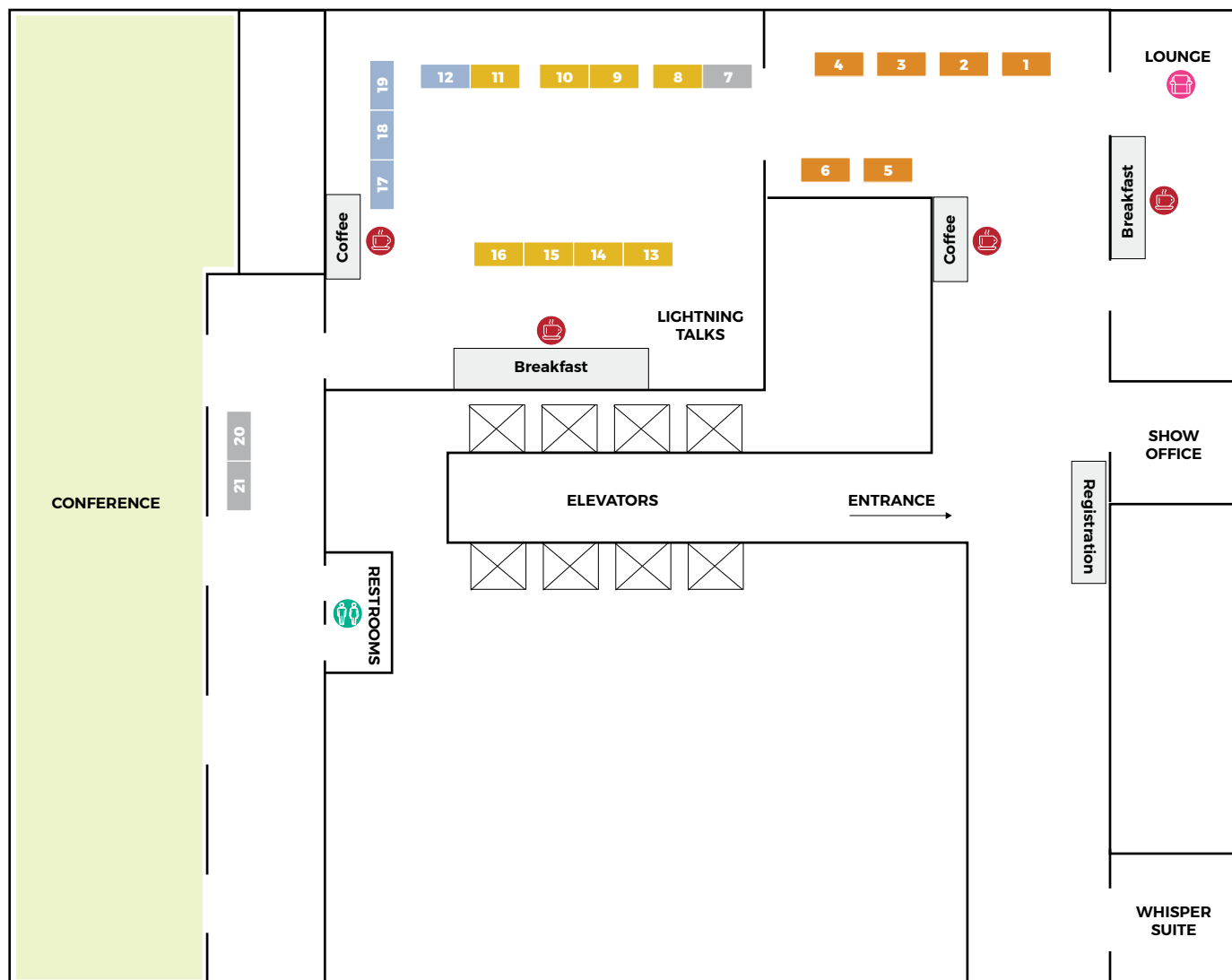
Learn more at www.parallelworks.com.

Xelera

Xelera Technologies is a software provider for high-speed network technology and machine learning applications. We solve data rate and response time bottlenecks in software applications and systems with a performance-optimized software stack. Our product also increases the energy efficiency of data center and cloud servers. Our customers are system providers for data center and cloud infrastructure, telecom networks, financial services, and life sciences. We serve a global customer base; our software is deployed in Europe, the Americas, and Asia. We work closely with major chip vendors.

Learn more at www.xelera.io.

EXHIBITOR TABLE GUIDE

LOUNGE

Breakfast

SHOW OFFICE

LIGHTNING TALKS

Breakfast

Coffee

Coffee

Coffee

ELEVATORS

ENTRANCE

Registration

CONFERENCE

RESTROOMS

WHISPER SUITE

Tables: 12, 11, 10, 9, 8, 7, 4, 3, 2, 1, 6, 5, 19, 18, 17, 16, 15, 14, 13, 20, 21

PLATINUM SPONSORS

- 12 HPE / AMD
- 17 ParTec
- 18 Hammerspace
- 19 IBM

GOLD SPONSORS

- 8 MinIO
- 9 Quantinuum
- 10 Red Hat
- 11 Penguin Solutions
- 13 Elastic
- 14 WEKA
- 15 Intel
- 16 CIQ

SILVER SPONSORS

- 7 MiTAC Computing Technology
- 20 InspireSemi
- 21 CDW
- BOXX (no table)

BRONZE SPONSORS

- 1 Drut
- 2 Xelera
- 3 Intuitive.Cloud
- 4 Code Willing
- 5 Parallel Works
- 6 Cornelis Networks

Breakfast: A light breakfast will be served in the exhibits area from 8:15-10:15 each morning.

Coffee Break: A coffee break with snacks will be served in the exhibits area between 10:30-11:30 each morning, and between 2:30-4:30 each afternoon.

Lunch: Lunch will be served at 12:30 on Tuesday and 11:45am on Wednesday in the main ballroom.

Cocktail Party: All are welcome to attend a cocktail party sponsored by Quantinuum in the exhibits area from 6:00-7:30 Tuesday evening.

QUANTINUUM