

Tuesday, April 27

Note: Conference begins with General Sessions and then breaks into tracks

08:00 – 09:00 Registration and Exhibition Showcase @ Exhibit Hall

09:00 – 09:15 **Opening Remarks and Welcome**
Speaker: Jem Pagan, Conference Chair

09:15 – 10:00 **Keynote:**
Industry Analyst: Addison Snell, State of HPC & AI in FinServ

10:00 – 10:45 Panel Discussion:
“Tech Trilogy” – Critical Tech Silos of AI Deployment
Moderator: Tom Tabor, CEO Tabor Communications
Panelists: Tiffany Trader, Editor HPCwire, Doug Black, Editor EnterpriseAI, Alex Woodie, Editor Datanami

10:45 – 11:00 **Networking Break @ Exhibit Hall**

11:00 – 11:45 **Keynote Address:**
Speaker: Eric Henry
Crypto Currencies, Blockchain, AI, HPC, HFT – These digital disruptors are a reality; that it is happening is now accepted among global corporate executive and operational managers. A stakeholder strategy is now required for integrating the new technology. Managers “on the street” need to be fully informed along the way so that they don’t lose trust in the data and analytics. This presentation illustrates how can you effectively deploy an analytics-driven organization by developing and implementing a strategy for "managing the human dynamics."

11:45 – 13:00 Tabletop Lunch Discussion:
Future Trends in FinTech and Capital Markets

13:00 – 13:45 Keynote Address:
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	LEADERSHIP SESSIONS	TECHNOLOGY DEVELOPMENT SESSIONS
13:45 – 14:30	<p>Panel Discussion:</p> <p>AI Use Cases in Financial Services</p> <p>Artificial intelligence has provided the world of banking and the financial industry innovative services to meet the demands of customers who want smarter, more convenient, safer ways to access, spend, save and invest their money. Artificial intelligence solutions are helping banks and credit lenders make smarter underwriting decisions by utilizing a variety of factors that more accurately assess traditionally underserved borrowers, like millennials, in the credit decision making process.</p>	<p>General Session:</p> <p>FPGAs for FinTech</p>
14:30 – 15:15	<p>Panel Discussion:</p> <p>Storage Innovations Big Data Workloads in Finance</p> <p><i>Moderator: Michael Oros, Executive Director, SNIA</i></p> <p>High-performance scalable storage for data-intensive applications is a key component of HPC and AI environments. Our panel will discuss how storage innovations in fintech, and capital markets are necessary to support I/O intensive workloads in financial markets.</p>	<p>General Session:</p> <p>Automating Data Science and Machine Learning Environments in the Cloud</p> <p>AI Data science and machine learning models, like any other software applications, progress from the development phase to production environments. Data science development differs slightly from traditional software development. It is imperative that we apply the same DevOps principles common to traditional application development when designing model pipelines. Applying these principles correctly improves the overall governance and audit capabilities—and drastically reduces the time between ideation and productionizing of models.</p>
15:15 – 16:00	Networking Break @ Exhibit Hall	
16:00 – 16:45	<p>Panel Discussion:</p> <p>Blockchain and Crypto Innovations in Financial Services</p> <p><i>Moderator: Shahin Kahn, Senior Partner, Orion X</i></p> <p>Our panel will share the use cases driving adoption of blockchain and crypto financing in fintech and financial services. Our panelist will assess the enterprise-readiness of these technologies and how they are changing the ecosystem of traditional investment and revenue models.</p>	<p>General Session:</p> <p>Best Practices in Blockchain Development</p> <p>This session will present the characteristics and complexity of blockchain data structures: linked lists, binary search trees, hash maps, and graphs (specifically, directed acyclic graphs which feature prominently in blockchains). It will also provide an understanding of data structures, cryptography, distributed systems, networking and game theories driving advanced blockchain innovations.</p>
16:45 – 18:00	Networking Reception @ Exhibit Hall	

Wednesday, April 28

Note: Conference begins with General Sessions and then breaks into tracks

07:00 – 09:00 Registration and Exhibition Showcase

09:00 – 0915 **Opening Remarks and Welcome**

	LEADERSHIP SESSIONS	TECHNOLOGY DEVELOPMENT SESSIONS
09:15 – 10:00	Panel Session: Understanding the Pillars of an AI practice This session will explore the pillars of an AI practice or business unit in finance. An understanding of use case analysis, change management, target platforms and AI maturing models will help finance organizations build ROI and KPIs into their AI business strategy	General Session: Python for Data Analysis & Data Science - Part I Session will cover applied data analysis and data science with Python. It will provide use cases on data wrangling, visualization, Jupyter notebook, Pandas, statistical processing using pandas and the complete pipeline – extract, transform, analyze and present.
10:00 – 10:45	Panel Session: Cyber Security for High Performance Workloads in Finance	General Session: Python for Data Analysis & Data Science - Part II Session will cover applied data analysis and data science with Python. It will provide use cases on data wrangling, visualization, Jupyter notebook, Pandas, statistical processing using pandas and the complete pipeline – extract, transform, analyze and present.
10:45 – 11:00 Networking Break @ Exhibit Hall		
11:00 – 11:45 Keynote Address: <i>Speaker: Thomas Thurston, Partner, Chief Technology Officer, WR Hambrecht Ventures</i>		
11:45 – 13:00 Tabletop Lunch Discussion Future Trends in FinTech and Capital Markets		
13:00 – 13:45 Keynote Address: Data Management Challenges in the AI Era <i>Speaker: Robert Mowles, Executive. Accenture</i>		

	LEADERSHIP SESSIONS	TECHNOLOGY DEVELOPMENT SESSIONS
13:45 – 14:30	General Session: Building A Roadmap for AI and Compliance	General Session: Python for Data Analysis & Data Science - Part III Session will cover applied data analysis and data science with Python. It will provide use cases on data wrangling, visualization, Jupyter notebook, Pandas, statistical processing using pandas and the complete pipeline – extract, transform, analyze and present.
14:30 – 15:15	General Session: What Executives Need to Know About Cloud Management	General Session: Docker & Kubernetes – Big Picture - Part I Docker and Kubernetes are one of the hottest container management solutions in IT, especially in the world of cloud computing and AI. The course will teach you the theory and practical knowledge required to get you up and running as fast as possible.
15:15 – 16:00	Networking Break @ Exhibit Hall	
16:00 -16:45	General Session: Future – Quantum Computing for Financial Services	General Session: Docker & Kubernetes – Big Picture - Part II Docker and Kubernetes are one of the hottest container management solutions in IT, especially in the world of cloud computing and AI. The course will teach you the theory and practical knowledge required to get you up and running as fast as possible.
16:45 – 18:00	Networking Reception – Exhibit Hall	