



5th Tech Summit on Big Data, Data Science and Machine Learning



April 13-14, 2026 | Virtual Conference

Day 1 - April 13, 2026 (Monday)

Virtual Meeting (EST)

Keynote Forum

A/V Check

09:00 - 09:30

09:30 - 10:00

10:00 - 10:30

10:30 - 11:00

11:00 - 11:30

11:30 - 12:00

12:00 - 12:30

Title: AI-Cubes: A New Paradigm for AI-Enabled Distributed Spatio-Temporal Analytics

Dr. Peter Baumann, Constructor University & rasdaman GmbH, Germany

Title: Sparse Prediction Strategies in High-dimensional Data Analytics

Prof. Syed Ejaz Ahmed, Brock University, Canada

Title: Quantum-Driven Intelligence: The Future of AI-Powered Business Decision Making

Dr. Vivek Jaglan, Professor & Director, City Institute Higher Learning, Canada

Title: Environmental Sustainability and Intelligence as well as General Green Technologies

Prof. Dr. Jinsong Wu, University of Chile, Chile

Title: Fast decision boundary and classification algorithms based on Delaunay triangulation

Dr. Gene Eu Jan, Asia University, Taiwan

Title: Beyond Hype: Why Excluding Programmers Dooms Generative AI in Big Data-and How Expertise Saves It

Dr. Brian Holbert, St. Johns River State College, United States of America

Plenary Sessions

12:30 - 12:55

Title: From Market Noise to Signal: Machine Learning and Quantitative Alpha in Digital Asset Markets

Dr. Mikhail Urinson, Ark Quant Crypto, United States of America

Title: Leveraging AWS Glue Operational Metrics with Large Language Models for Automated Job Optimization

Mrs. Gayathri Balakumar, Capital One, United States of America

12:55 - 13:20

Title: From Hype to Reality: How Organisations Can Responsibly Adopt AI

Mr. Deepak Gopalakrishnan, Lektik, United States of America

13:20 - 13:45

Title: AI-Powered Smartphone Imaging for Early Disease Detection

Mr. Rishi Shrivastava, Accenture, United States of America

13:45 - 14:10

Title: Speculative Multi-Tier KV-Cache Offloading for Cost-Efficient LLM Inference

Mr. Suvendu Mohanty, Amazon, United States of America

14:10 - 14:35

14:35 - 15:00

Speaker Slot Available

Title: Distilling Cross-Encoder Signals into Bi-Encoders for Domain Retrieval

Mr. Suraj Balaso Desai, Digg, United States of America

15:00 - 15:20

Title: How Emerging Technology Increases your Confidence and Self-Worth

Mrs. Celina Mattocks, Lead Live Learn, LLC, United States of America

15:20 - 15:45

Title: Exploring the Power of Multi-Agent Systems for Scalable and Collaborative Artificial Intelligence Applications

Mr. Maxim Salnikov, Microsoft, Norway

15:45 - 16:05

Title: Supply chain optimization using AI

Mr. Rajkumar Kuppaswami, Applied Materials, United States of America

16:05 - 16:30

Title: Transforming Healthcare with AI: Navigating the Crossroads of Innovation, Ethics, and Impact

Ms. Sumaiya Noor, Mpowa, Canada

16:30 - 16:50

Title: Vulnerabilities and Risk Analysis of Multi-Agent AI-RAG in Autonomous Vehicle Reinforcement Learning Frameworks: Safety Mitigation in Training, Simulation, and Real-World Testing

Ms. Savi Grover, Independent Researcher, United States of America

16:50 - 17:05

Title: Harnessing Big Data and Artificial Intelligence for Smarter Risk Management in Financial Systems

Ms. Nkounghawe Tomeyum Rosalie Corine, Université Paris 1 Panthéon-Sorbonne, France

17:05 - 17:20

Title: Multi Source Data Fusion for Safety Enhancement in Air Force Operations

Mr. Petr Frantis, University of Defence, Czech Republic

17:20 - 17:30

Closing Remarks for Day 1

Day 2 - April 14, 2026 (Tuesday)

Virtual Meeting

Keynote Forum

A/V Check

09:00 - 09:30

09:30 - 10:00

Title: AI for social good and responsible innovation

Dr. Noha Elfiky, Saint Mary's College of California, United States of America

Title: Harnessing Immersive Technologies to Build Sustainable, Inclusive Education for Autism Communities

10:00 - 10:30

Dr. Goh Wei Wei, Taylor's University, Malaysia

10:30 - 11:00

Title: AI in FinTech: From Prediction to Trust-Building Transparent and Responsible Financial Intelligence

Mr. Manoj Kumar Tyagi, DBS Bank, Singapore

11:00 - 11:25

Title: Big Data Lied. Blockchain Doesn't: Rebuilding Trust, Veracity, and Accountability in the Data-Driven World

Mr. Raj Kapoor, India Blockchain Alliance, United Arab Emirates

11:30 - 12:00

Title: Trust -centric decision Ecosystems: Leveraging big data and Block Chain for de-centralized Intelligence

Dr. Gandhi Prasanna Lakshmi, Aditya Institute of technology and Management(AITAM), India

12:00 - 12:25

Title: Building a Resilient Data Governance Framework: Cutting Compliance against Privacy and Security Regulations - From a European Perspective

Dr. Cristina Vanberghen, YSU and European Commission, Belgium

Plenary Sessions

12:25 - 12:45

Title: Intelligent Data Convergence

Dr. Kayal Padmanandam, BVRIT, India

12:45 - 13:05

Title: The Transformative Role of Big Data Analytics in Modern Organizational Decision-Making

Dr. U D Prasan, Aditya Institute of Technology and Management, India

13:05 - 13:25

Title: AI and Data Science in Autonomous Systems: The Oracle Database Perspective

Mr. Diganta Sengupta, Oracle, United States of America

13:25 - 13:45

Title: LLM-Orchestrated Cloud Data Architecture: Leveraging Generative AI for Automated Data Engineering and Knowledge-Driven Databases

Mr. Balaji Salem Balasundram, Amazon Web Services Inc, United States of America

13:45 - 14:05

Title: Beyond the Dashboard: Engineering Trustworthy Agentic BI in Regulated Environments

Ms. Sangeetha Durairaju, DataEconomy Inc, United States of America

14:05 - 14:25

Title: Automated Feature ETL Pipelines for case outreach Management Leading to 50% reduction in healthcare patient costs

Ms. Shalmali Joshi, Elevance Health, United States of America

14:25 - 14:45

Title: Governed Innovation: Building Trust and Compliance in AI-Driven Healthcare Data Platforms

Mr. Avik Datta, Sun Life Financial, United States of America

14:45 - 15:05

Title: Accelerating AC Optimal Power Flow via Physics-Informed and Learning-Driven Methods

Dr. Yu Zhang, University of California, Santa Cruz, United States of America

15:05 - 15:25

Title: Data Integration & ETL Processes

Ms. Ugala Matta, Bank of America, Mpowa, United States of America

15:25 - 15:45

Title: Protecting Critical Systems in Financial and Healthcare Industries with AI-Powered Observability

Mr. Sasi Kiran Malladi, Amazon, United States of America

15:45 - 16:05

Title: Adaptive Data AI Agents: Learning, Reasoning, and Evolution

Mrs. Gayatri Tavva, Amazon, United States of America

16:05 - 16:30

Title: Agentic AI in the Enterprise: Building Self-Improving, Multi-Modal Systems for Real-World Impact

Mr. Raghav Sharma, Workday, United States of America

16:30 - 17:30

Closing Remarks for Day2