



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

April 13-14, 2026 | Orlando, Florida - USA

Day 1 - April 13, 2026 (Monday)

Meeting Hall: Universal Ballroom

08:00 - 16:00

Registrations

09:00 - 09:05

Welcome Message by Dr. Fernando Koch, Florida Atlantic University, United States of America

09:05 - 10:30

Keynote Forum

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

09:05 - 09:30

Title: Sparse Prediction Strategies in High-dimensional Data Analytics

Prof. Syed Ejaz Ahmed, Brock University, Canada

09:30 - 10:00

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

10:00 - 10:30

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

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

10:30 - 11:00

Networking and Refreshments Break @11:00 - 11:20

Keynote Forum

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

Dr. Gene Eu Jan, Asia University, Taiwan

11:20 - 11:50

Title: Generative Intelligence Systems in Business

Dr. Fernando Koch, Department of Electrical Engineering and Computer Sciences, Florida Atlantic University, USA

11:50 - 12:20

Plenary Sessions

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

Session Co-Chair: Prof. Syed Ejaz Ahmed, Brock University, Canada

12:30 - 12:50

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

12:50 - 13:10

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

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

Lunch Break | Networking @13:00 - 14:00

Plenary Sessions

Session Chair: Prof. Syed Ejaz Ahmed, Brock University, Canada

Session Chair: Dr. Peter Baumann, Constructor University & Rasdaman GmbH, Germany

14:00 - 14:20

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

Mr. Suvendu Mohanty, Amazon, United States of America

15:45 - 16:00

Title: AI-Powered Smartphone Imaging for Early Disease Detection

Mr. Rishi Shrivastava, Accenture, United States of America

14:40 - 15:00

Speaker Slot Available

15:00 - 15:20

Title: The Missing Link: Forging Data Science Careers with Hands-on Learning

Ms. Fiona Holmstrom, STEM Punks Education, Australia

15:20 - 15:40

Title: From Reactive to Autonomous: Building Real-Time, Self-Healing Infrastructure with Agentic AI

Mr. Sahil Yadav, AOI, United States of America

15:40 - 16:00

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

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

16:00 - 16:20

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

Mr. Deepak Gopalakrishnan, Lektik, United States of America

16:20 - 16:30

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

Networking and Refreshments Break @16:30 - 16:45

16:45 - 17:05

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

Mr. Petr Frantis, University of Defence, Czech Republic

17:05 - 17:25

Speaker Slot Available

17:25 - 17:45

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

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

17:45 - 18:00

Speaker Slot Available

All Timings are Subject to change as this is a Tentative Program

Closing Remarks for Day 1 Program

Day 2 - April 14, 2026 (Tuesday)

Meeting Hall: Universal Ballroom

08:00 - 16:00

Registrations

Keynote Forum

09:00 - 09:20

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

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

09:20 - 09:40

Title: AI for social good and responsible innovation

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

09:40 - 10:00

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

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

10:00 - 10:20

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

Mr. Manoj Kumar Tyagi, DBS Bank, Singapore

10:20 - 10:40

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

Networking and Refreshments Break @10:40 - 11:10

Keynote Forum

11:10 - 11:30

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

11:30 - 11:50

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

Dr. Vivek Jaglan, Professor & Director, City Institute Higer Larning, Moncton, NB, Canada

Plenary Sessions

11:35 - 11:50

Title: Intelligent Data Convergence

Mrs. Kayal Padmanandam, BVRIT, India

11:50 - 12:05

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

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

12:05 - 12:20

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

Mr. Diganta Sengupta, Oracle, United States of America

12:20 - 12:35

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

12:35 - 12:50

Title:Supply chain optimization using AI

Ms. Rajkumar Kuppuswami, Applied Materials, United States of America

Speaker Slot Available

12:50 - 13:05

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

Lunch Break | Networking @13:00 - 14:00

Plenary Sessions

14:00 - 14:15

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

Mr. Maxim Salnikov, Microsoft, Norway

14:15 - 14:30

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

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

14:30 - 14:45

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

14:45 - 15:00

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

Ms. Sumaiya Noor, Mpowa, Canada

15:30 - 15:45

Speaker Slot Available

15:45 - 16:00

Speaker Slot Available

Networking and Refreshment Break @ 16:15 - 16:30

16:30 - 16:45

16:45 - 17:00

Speaker Slot Available

17:00 - 17:15

17:15 - 17:30

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Certificate Presentations Closing Remarks for Day 2 Program