



# 5<sup>th</sup> 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 - 09:25

**Title: The Last Book Written by a Human: Becoming Wise in the Age of AI**

Mr. Jeff Burningham - The Last Book Written by a Human, USA

09:25 - 09:50

**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

09:50 - 10:10

**Title: Sparse Prediction Strategies in High-dimensional Data Analytics**

Prof. Syed Ejaz Ahmed, Brock University, Canada

10:10 - 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 - 10:50

Networking and Refreshments Break @10:50 - 11:20

Keynote Forum

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

Dr. Gene Eu Jan, Asia University, Taiwan

11:20 - 11:40

**Title: Generative Intelligence Systems in Business**

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

11:40 - 12:00

Plenary Sessions

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

Session Co-Chair: Dr. Vijay Kumar Reddy, Saint Peter's University, United States of America

12:00 - 12:15

**Title: AI-Powered Automation: Driving Intelligent Transformation Across Enterprise Systems**

Mr. Olivier Khatib, DATANEO, United Kingdom

12:15 - 12:30

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

Mr. Suvendu Mohanty, Amazon, United States of America

12:30 - 12:45

**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

12:45 - 13:00

Speaker Slot Available

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

14:00 - 14:30

Exhibitor and Sponsors Talk

## Plenary Sessions

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

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

14:30 - 14:45

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

Ms. Shynitha Shyamsunder, Commonwealth Bank of Australia, Australia

14:45 - 15:00

**Title: AI-Powered Smartphone Imaging for Early Disease Detection**

Mr. Rishi Shrivastava, Accenture, United States of America

15:00 - 15:15

**Title: Building a Scalable AI-Powered Virtual Clinic Using Big Data, Machine Learning, and Cloud-Native Architecture**

Mr. Kodzai Nyakurimwa, Health4uAI, United States of America

15:15 - 15:30

**Title: From AI Hype to AI Impact: Building Responsible AI Ecosystems That Scale**

Mr. Gurbinder Dhillon, Senzing Inc, Canada

15:30 - 15:45

**Speaker Slot Available**

15:45 - 16:00

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

Ms. Fiona Holmstrom, STEM Punks Education, Australia

16:00 - 16:15

**Speaker Slot Available**

16:15 - 16:30

**Speaker Slot Available**

16:30 - 16:45

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

Mr. Sahil Yadav, AOI, United States of America

16:45 - 17:00

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

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

17:00 - 17:15

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

Mr. Diganta Sengupta, Oracle, United States of America

17:15 - 17:30

**Speaker Slot Available**

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

17:30 - 18:00

Closing Remarks for Day 1 Program

## Day 2 - April 14, 2026 (Tuesday)

### Meeting Hall: U.S.A A & B

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: Bridging Academia and Industry through Applied AI Innovation: From Research Excellence to Real-World Impact**

Prof. Dr. Noor Zaman Jhanjhi, Professor of Computer Science, Taylor's University, Malaysia

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

### Keynote Forum

11:10 - 11:30  
11:30 - 11:50

**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  
**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

**Session Chair: Prof. Dr. Noor Zaman Jhanjhi, Professor of Computer Science, Taylor's University, Malaysia**  
**Session Co-Chair: Ms.Noelia Amoedo, NODEOM, Spain**

11:50 - 12:05  
  
12:05 - 12:20

**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

Speaker Slot Available

12:20 - 12:35  
  
12:35 - 12:50

**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

Speaker Slot Available

12:50 - 13:05  
  
13:05 - 13:20

**Title: Why AI Hype May be the Best Thing that Happened to Us, if We Let It!**  
Ms. Noelia Amoedo, Founder & Managing Partner of NODEOM, Spain

Speaker Slot Available

Lunch Break | Networking @13:20 - 14:00

Plenary Sessions

14:00 - 14:15  
14:15 - 14:30  
14:30 - 14:45  
14:45 - 15:00  
15:00 - 15:30  
15:30 - 15:45  
15:45 - 16:00

Speaker Slot Available

**Title: The Transformative Role of Big Data Analytics in Modern Organizational Decision-Making**  
Dr. U D Prasan, Aditya Institute of Technology and Management, India

Speaker Slot Available

Speaker Slot Available

Exhibitor and Sponsors Talk

Speaker Slot Available

Speaker Slot Available

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

16:30 - 16:45  
16:45 - 17:00  
17:00 - 17:15  
17:15 - 17:30

Speaker Slot Available

All Timings are Subject to change as this is a Tentative Program  
Certificate Presentations Closing Remarks for Day 2 Program