



3<sup>rd</sup> World Tech Summit on

# Big Data, Data Science and Machine Learning

September 21-23, 2023 | Austin, Texas

Venue: Holiday Inn Austin-Town Lake

Email : [machinelearning@averconferences.com](mailto:machinelearning@averconferences.com)

<https://datascience-machinelearning.averconferences.com/>



## Day-1 (Thursday) September 21, 2023

TX, USA  
(GMT-5)

Venue: Holiday Inn Austin-Town Lake

### Hybrid Event

08:30 - 16:00

Registrations

08:30 - 09:00

Opening Ceremony

### Keynote Session

09:00 - 09:30

**Title: Biomedical applications of large language models (LLMs): How AI is changing the space**  
Dr. Ahmad Jad Alla, Bionl.ai, United States of America

09:30 - 10:00

**Title: Artificial neural network assisted simulated annealing algorithm for dynamic scheduling of burn-in ovens**  
Dr. Muthu Mathirajan, Indian Institute of Science, India

10:00 - 11:00

**Title: "AI ethics": How a mere narcotic narrative is killing ethics applied to AI**  
Dr. Emmanuel R. Goffi, Human Technology Foundation, France

### Group Photo

### Networking & Refreshment Break 11:00-11:10

11:15 - 11:45

**Title: Generative AI and LLMs!**  
Dr. Ganapathi Pulipaka, Accenture, USA

### Plenary session

11:45 - 12:10

**Title: Driving data products: Harnessing big data and data science with enhanced data observability**  
Mr. Sameer Narkhede, Acceldata, United States of America

12:10 - 12:35

**Title: Self-Service AI with Power BI**  
Mr. Markus Ehrenmueller-Jensen, Savory Data, Austria

12:40 - 13:05

**Title: Personalized recommendation systems: Leveraging optimization techniques for enhanced customer experience**  
Mr. Aaryama Kumar Jana, Amazon, United States of America  
Co-Author: Ms. Srijia Saha, Oracle, United States of America

13:05 - 13:30

**Title: Expressing that you care for people through generative AI**  
Mrs. Lakshmi Namratha Vempaty, Avis Budget Group, United States of America

### Lunch Break @ 13:30 - 14:00

14:00 - 14:25

**Title: Big data and the metaverse: Opportunities and challenges**  
Dr. Mohammed Al-Obaydee, AIC4ALL, Malaysia

14:25 - 14:50

**Title: Leveraging satellite imagery and artificial intelligence to analyze scope 3 emissions**  
Mr. Derrick Adam, Scopes, United States of America

14:50 - 15:15

**Title: Resume analysis using probabilistic topic modeling**  
Ms. Akshata R. Upadhye, Randstad, United States of America

15:15 - 15:40

**Title: Data literacy in the age of AI**  
Mr. Jordan Morrow, Bodhi Data, United States of America

15:40 - 16:00

**Title: Exploration of the profound influence of ethical AI on shaping technology's future**  
Ms. Isabella Wang, Digital Thinker - United States of America

## Networking & Refreshment Break 16:00 - 16:15

16:15 - 16:40

**Title: Factors associated with pain in ultrasound guided percutaneous liver biopsies: An explainable AI approach**

Dr. Vamshi Mugu, Mayo Clinic, United States of America

Co-Author: Dr. Jason Young, Mayo Clinic, United States of America

## Poster Session

16:40 - 17:00

**Title: Big data analysis of factors associated with heart disease in the United States: A comparison of traditional logistic regression and extreme gradient boosting**

Mrs. Kshipra Sharma, MD Anderson Cancer Center, United States of America

Co-Authors: S. Ruthvik Mugu, Byron Schools, and Dr. Dhaval Bhatt, Washington University School of Medicine, USA

17:00 - 17:15

**Title: Embel assist invites you to learn more about CECMI!**

Mrs. Aryn White, Embel Assist, United States of America

## Panel Discussion & Networking

## Meeting Adjourns



**TX, USA  
(GMT-5)**

**Day 2 ( Friday) September 22, 2023**

09:30 - 16:00

**Registrations**

09:45 - 10:00

**A/V Check**

## Keynote Session

10:00 - 10:30

**Title: The dashboard as communicative representation: The face of big data in public health after COVID**

Dr. Thomas Barker, The University of Alberta, Canada

10:30 - 11:00

**Title: Predicting air quality index using deep learning**

Dr. Chandrasekhar Subramanyam, Vijay Bhoomi University, India

11:00 - 11:30

**Title: MS Azure Translation API in VBA**

Mr. Patrick O'Beirne, Systems Modelling, Ireland

## Networking & Refreshment Break 11:30 - 11:45

## Plenary Session

11:45 - 12:10

**Title: Generative AI and earth observation in ad targeting**

Mr. Csongor Csaba Fekete, HolistiCRM Kft., Hungary

12:10 - 12:35

**Title: Accelerating value using cost-effective and optimized bigdata & AI ecosystem architecture & design**

Mr. Muhammad Usman Haider, Telecom, Saudi Arabia

12:35 - 13:00

**Title: AI ethics importance and breakthroughs**

Mr. Jose Luis Meza Garcia, ForHumanity, Australia

13:00 - 13:25

**Title: Conversational AI**

Dr. Julie Wall, University of East London, United Kingdom

13:25 - 13:50

**Title: Mitigating security and privacy threats in machine learning (ML)**  
Ms. Duronke Owoleso, TheSecurityBench.com, Canada

**Lunch Break @13:50 - 14:10**

### Plenary Session

14:10 - 14:30

**Title: AI-powered advanced manufacturing in life science industry**  
Mr. Bidyut Sarkar, IBM, United States of America

14:30 - 14:55

**Title: The data dirty dozen (or the 12-factor app for data)**  
Mr. James Bowkett, OpenCredo, United Kingdom

14:55 - 15:15

**Title: The imperative of ethics and regulation in the development and implementation of artificial intelligence. The case of EU AI ACT and Spain AI regulatory sandbox.**  
Dr. Idoia Salazar, OdiseIA, Spain

15:15 - 15:35

**Title: The impact of big data management in libraries**  
Dr. Panorea Gaitanou, Hellenic National Defense College, Greece

**Networking & Refreshment Break 15:35 - 15:45**

### Plenary Session

15:45 - 16:10

**Title: Real world applications of AI/ML in optimizing airspace operations**  
Dr. Swati Saxena, NASA, United States of America

16:10 - 16:35

**Title: Some implications for the use of gen AI in courts**  
Dr. Thiago Felipe S. Avanci, Unisantos, Brazil

16:35 - 17:00

**Title: Gen AI basic**  
Mr. Rohan Shah, Google, India

**Meeting Adjourns**



**TX, USA  
(GMT-5)**

**Day 3 (Saturday) September 23, 2023**

09:00 - 16:00

**Registrations**

09:45 - 10:00

**A/V Check**

### Plenary Session

10:00 - 10:25

**Title: Automated machine learning: Challenges and applications**  
Dr. Ilham Slimani, Mohammed First University, Morocco

10:25 - 10:50

**Title: AI-enabled consumer intelligence**  
Mr. Faisal Khan, Sila, United Arab Emirates

10:50 - 11:15

**Title: Natural language processing and its growth in data science**  
Mr. Henry Orlando Clavo, Henry Clavo LLC, United States of America

11:15 - 11:40

**Title: Artificial intelligence regulation in Brasil**  
Mr. Marcelo Fonseca Santos, Fonseca Technology Law Office, Brazil

11:40 - 12:05

**Title: How to incorporate artificial intelligence into metaverse architecture for usage in healthcare systems?**

Mr. Douglas Amante, Singapore University Technology and Design, Singapore

12:05 - 12:30

**Title: Unlocking AI potentials and more: Forging a business roadmap with your tech, people, and process**

Mr. Eric Nguyen, Australian Computer Society, Australia

**Lunch Break @ 12:30 - 13:00**

13:00 - 13:25

**Title: Transforming surveillance, healthcare, and media through generative AI empowerment**

Dr. Nadeem Qazi, University of East London, United Kingdom

13:25 - 13:50

**Title: Leveraging large language models in the realm of recommender systems**

Mr. Rohan Singh Rajput, Headspace, United States of America

13:50 - 14:15

**Title: Leveraging generative AI for streamlining healthcare operations: A case study approach**

Mr. Kishore Ayyadevara, Awone.ai, India

14:15 - 14:40

**Title: "Organizational culture transformation: Challenges and benefits of adopting a data culture"**

Ms. Suzannah Hicks, IAPP, United States of America

14:40 - 15:05

**Title: Unlocking the power of natural language processing in banking**

Mr. Mohamed Lemine Beydia, Canal+, Luxembourg

15:05 - 15:30

**Title: Designing analytics systems event-based architecture**

Mr. Guilherme Gasque, Next Reason, Brazil

15:30 - 15:55

**Title: Harness the power of LLMs: Zero-shot and Few-shot prompting**

Mr. Deepanjan Kundu, Meta Platforms, United States of America

**Meeting Adjourns**

