

TENTATIVE  
SCHEDULE

# DATA SCIENCE WEEK 2023

26 -28 JUNE,

FRANKFURT  
GERMANY

<https://datascience.thepeopleevents.com>

# World Conference on Data Science & Statistics

June 26-28, 2023, Frankfurt, Germany

Hilton Garden Inn Frankfurt City Centre

Day 1  
26-Jun-23

08:00-08:15 Registrations

Room 1

08:15-08:25 **Opening Ceremony**

Keynote Forum

08:25 -08:30 Guest Talk

Title: Introducing Scads.AI: AI Research From Germany And Current Applications

08:30-08:55 **Eric Peukert**, Leipzig University, Germany

09:00-09:25 Title: AI Ethics Operationalization

**Alessandro Bonaita**, Generali Corporate Pension Fund, Italy

09:30-09:55 Title: Fall In Love Machine Learning And Planet Earth With Dynamic Learning: The New Approach To Training Sustainable Models

**Giancarlo Cobino**, Qvantia and **Danilo Bruno**, NTT DATA, Italy

10:00-10:25 Title: Digital mixed content analysis of social: Time has come for content analysis for coming at things by applying mixed and digital methods

**Gabriella Punziano**, University of Naples Federico II, Italy

Coffee Break 10:30-10:50 @ Foyer

4 Keynote Presentation slots available

Track: AI & Machine Learning

**Session Introduction**

Chair To be updated soon

Co-Chair To be updated soon

10:50-11:10 Title: When Industry Meets Trustworthy AI. An Analysis Of AI For Industry 5.0.

**Eduardo Vyhmeister**, University College Cork, Ireland

11:15-11:35 Title: What Is AI Ethics?

**Rosalie Waelen**, University of Twente, Netherland

11:40-12:00 Title: Profiling Risky Code using Machine Learning

**Zunaira Zaman**, Synopsys Inc, UK

12:05-12:25 Title: How Any Organization Can Overcome Data Scarcity And Biases: Synthetic Data

**Andrea Isoni**, AI Technologies, UK

12:25-12:45 Title: An Efficient Facial Emotion Recognition System Using Novel Deep Learning Neural Network-Regression Activation Classifier

**Anjani Suputri Devi D**, Sri Vasavi Engineering College, India

12:50-13:10 Title: Machine Learning Methods For Personalised Heart Simulations

**Maciej Szymkowski**, Bialystok University of Technology, Poland

Lunch Break 13:15-14:00 @ Hotel Restaurants

Continued	
14:00-14:20	Title: Hierarchical Planning For Artificial General Intelligence <b>Sergey Shumsky</b> , Moscow Institute of Physics and Technology, Russia
14:25-14:45	Title: Facial Emotion Recognition Using Temporal Relational Network: An Application To E-Learning <b>Anil Audumbar Pise</b> , Siatik (Google Premier-Cloud Partner), South Africa
14:50-15:10	Title: Detecting Hidden Patterns In Data Using Semiparametric Methods With Application To Credit Scoring. <b>Viani A Djeundje Biatat</b> , University of Edinburgh, UK
15:15-15:35	Title: Using Ensemble Learning Technique For Detecting Botnet On Iot <b>Amirhossein Rezaei</b> , Accenture, Malaysia
15:40-16:00	Title: Machine Learning By Principal Component Analysis (Pca) And Application To Risk Factors Of Diabetes <b>Mathodi Claude Yves</b> , University of Kinshasa, Democratic Republic of the Congo
<b>3 Speaker Opportunities Available</b>	
Coffee Break 16:05-16:25 @ Foyer	
16:25-16:45	Title: Evolve (AI-Based Chatbot) <b>Aliya Grig</b> , Evolve, Russia
16:50-17:10	Title: Challenges In Machine Learning Based Approaches For Real-Time Anomaly Detection In Industrial Control Systems <b>Mujeeb Ahmed</b> , The University of Strathclyde, UK
17:10-17:05	Panel Discussion
17:15-18:00	Poster Presentations
18:00	End of Day

## Day 2 27-Jun-23

08:00-08:30	Registrations
Room 1	
Keynote Forum	
08:30-08:55	Title: CO2 Emissions And Sustainable Development: Data Driven Assessment Of Economic And Infrastructure Indicators As Predictors For Carbon Emissions <b>Antonio Crespo</b> , Unica Community-Research-Learning Institute CRLI / IEEE EduSoc, Canada
09:00-09:25	Title: Building Real-Time Recommendations Systems Using Large Scale Vector Similarity-Matching <b>Erwin Huizenga</b> , Google, Singapore
09:30-09:55	Title: The Importance Of Bayesian Statistics And Decision Theory In Modern Data Science Education <b>Jurgen Pilz</b> , University of Klagenfurt, Austria
10:00-10:25	Title: Truth or Fake? The Sentiment Analysis with Deep Learning Approaches in the post-epidemic era <b>Mu-Yen Chen</b> , National Cheng Kung University, Taiwan
Coffee Break 10:30-10:50 @ Foyer	
Track: Data Science & Technology	
Track: Applications of data Science	
Track: Deep Learning	
Track: Statistical Learning	
<b>Session Introduction</b>	

Chair To be updated soon  
Co-Chair To be updated soon

- 10:50-11:10 Title: Developing Imaging Device And Algorithm For Detection Of Flavescence Dorée  
**Marko Barjaktarovic**, University of Trento, Italy
- 11:15-11:35 Title: Predictive MAIntenance For Energy Systems Using Deep Learning  
**Lilach Goren Huber**, Zurich University of Applied Sciences, Switzerland
- 11:40-12:00 Title: Machine Learning Approach To Support The Detection Of Parkinson’S Disease In Imu-Based GAIT Analysis  
**Dante Trabassi**, University of Rome La Sapienza, Italy
- 12:05-12:25 Title: On The Shifted Littlewood-Richardson Coefficients And The Littlewood-Richardson Coefficients  
**Khanh Nguyen Duc**, Otto-von-Guericke-Universität Magdeburg, Germany
- 12:25-12:45 Title: Development Of A Global Research Strategy: Digital Measuring Of Equine Assisted Interventions Based On Who Standards  
**Isabel Stolz**, Research Institute for Inclusion through Physical Activity and Sport, Germany
- 12:50-13:10 Title: To Ban Or Not To Ban: Bayesian Attention Networks For Reliable Text Classification  
**Kristian Miok**, West University of Timisoara, Romania

Lunch Break 13:15-14:00 @ Hotel Restaurants

- 14:00-14:20 Title: Dkoopman: A Deep Learning Software Package For Koopman Theory  
**Sourya Dey**, Galois, USA
- 14:25-14:45 Title: Continuous Identity Proofing By Behavioral Analysis (Case Study: One Of The Largest Bank In The Netherland)  
**Nima Farajian**, ThreatFabric, Netherland
- 14:50-15:10 Title: AI-Mining Design for Monitoring Green House Gases  
**Hanna Arini Parhusip**, Universitas Kristen Satya Wacana, Indonesia
- 15:15-15:35 Title: Implementation of Deep Learning Algorithm to Detect Swiftlet’s Nest that Classified into 7 Categories based on Feather Intensity  
**Denny Indrajaya**, Satya Wacana Christian University, Indonesia
- 15:40-16:00 Title: Predictive Learning Analytics Using Deep Learning Model In Moocs' Courses Videos  
**Samuel Danso**, University of Edinburgh, UK

Coffee Break 16:05-16:25 @ Foyer

- 16:25-16:45 Title: Deterministic versus Nondeterministic Optimization Algorithms for the Restricted Boltzmann Machine  
**Gengsheng Zeng**, Utah Valley University, USA
- 16:50-17:10 Title: Was-Dsml: A Web Application System For Data Science And Machine Learning  
**Enrique Gomicia**, Murcia University, Saudi Arabia

5 Speaker Opportunities Available

17:10

End of Day

Day 3  
 28-Jun-23

08:00-08:30 Registrations

Room 1

Keynote Forum

- 08:30-08:55 Title: Deep Learning For Solving The Aesthetic Control Quality Tak In Industry 4.0 DomAIn  
**Luca Romeo and Riccardo Rosati**, Università degli Studi di Macerata, Italy
- 09:00-09:25 Title: Albatross Analytics A Hands-On Into Practice: Statistical And Data Science Application  
**Rezzy Eko Caraka**, The National Research and Innovation Agency (BRIN), Indonesia
- 09:30-09:55 Title: Data Flow At Scale: Converting To A Change Data Capture Pipeline  
**Mike Williamson**, Tradeshift, Denmark

10:00-10:25 Title: To be Updated

Coffee Break 10:30-10:50 @ Foyer

Track: Computational Statistics and Machine Learning

Track: Databases & Data Security

Track: Big Data & Analytics

Track: Business Intelligence

Session Introduction

Chair To be updated soon

Co-Chair To be updated soon

10:50-11:10 Title: Understanding Data Science: Can Help Now And In The Future?

**Katerina Papagiannouli**, Max Planck Institute, Germany

11:15-11:35 Title: The Data-Driven Evolution Journey

**Andrea Gigli**, Italy

11:40-12:00 Title: Comparison Of Federated Learning Techniques With De-Identification Models

**Sieun Kim**, Chonnam National University, South Korea

12:05-12:25 Title: Deep Neural Networks (Dnns) On Using Data Science And AI To Understand How The BrAln Processes Information, And To Bring Those Insights Back Into AI Models

**Gemma Roig**, Goethe University Frankfurt, Germany

12:25-12:45 Title: Stability of strained BaTiO3 predicted by machine learning

**Jaichan Lee**, Sungkyunkwan University, South Korea

12:50-13:10 Title: Data As An Instrument Of Power: The Ethics Of Analytics

**Jonathan Fowler**, USC Upstate, USA

Lunch Break 13:15-14:00 @ Hotel Restaurants

14:00-14:20 Title: Digital Twins, Iot And Big Data For Green Shipping

**Bill Karakostas**, Inlecom Systems, Belgium

14:25-14:45 Title: Corporate Infographics, Information Design

**Maxim Gorbachevskiy**, Infographer, Netherlands

14:50-15:10 Title: A New Weighted Fuzzy C-Means Clustering For Workload Monitoring In Cloud Datacenter Platforms

**Saloua EL Motaki**, University Sidi Mohamed Ben Abdellah, Morocco

15:15-15:35 Title: A health data analytics maturity model for hospitals information systems

**Álvaro Rocha**, University of Lisbon, Portugal

15:40-16:00 Title: Information Retrieval

**Sara Ibrihich**, Mohammed V University, Morocco

Coffee Break 16:05-16:25 @ Foyer

16:25-1700 Title: TrAln, Deploy, And Run A MI Model Using Python, Snowpark And Streamlit

**Dash Desai**, Snowflake, USA

17:00

Award & Closing Ceremony

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

For more Details PS: <https://datascience.thepeopleevents.com/>  
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