Scientific Program

2nd International Webinar on
Big Data Analytics and Data Science

Day 1 - September 06, 2021 - EDT	
08:30 - 08:40	Introduction
Keynote Forum	
08:40 - 09:30	Predictive Analysis **Khalid J. Al Saadi,** King Abdullah University of Science and Technology, Saudi Arabia
09:30 - 10:20	Telemedicine- Present and Future Aspects of Big Data Analytics **Dr Arti Jain,** Jaypee Institute of Information Technology, India
10:20 - 10:30	**Q/A Session**
Plenary Sessions -1	
Sessions: Artificial Intelligence | Big Data Analytics and Algorithms | Big Data in Nursing Research | Big Data Technologies | Big Data Applications, Challenges and Opportunities	
Session Chair: Dileep Musa, Infosys, USA	
10:30 - 11:00	Streamlining visualization content to better handle large data **Priyak Bandyopadhyay,** Senior Data Scientist, Singapore
11:00 - 11:30	Skyline Query Processing over Uncertain Data **Hamidah Ibrahim,** Universiti Putra Malaysia, Malaysia
11:30 - 12:00	The Impact of AI in Social Development Programmes **Joao Lobato,** Cooper & Sacks, UK
Q/A Session	
Plenary Sessions -2	
Sessions: Business Intelligence |Cloud Computing | Complexity and Algorithms | Data Engineering and Architecture | Data Science and Machine Learning	
Session Chair: Sriram Bhagavathula, Cinnamon Bay Servicing, USA	
12:00 - 12:30	Blockchain the Myth and Realities ? **Gabi Zodik,** IBM Research, Israil
12:30 - 01:00	Handling of massive peak of data by leveraging the different optimization methods in Hadoop **Gourav Gupta,** ArogyaPandit AI startup, India
01:00 - 01:30	Big data as builder of our pysical world **Edward McIntosh,** Atkins, UAE
Q/A Session	
Plenary Sessions -3	
Sessions: Data Visualization | Data Warehousing and Security | Optimization and Big Data | Natural Language Processing | IoT and edge computing applications	
Session Chair: Siva Prasad Patnayakuni, HEB, USA	
01:30 - 02:00	Cloud to Fog/Edge Transition to improve the IoT Potential **Sisir Kumar Jena,** Indian Institute of Technology, India
02:00 - 02:30	State Classification of Wind Turbines: An Unsupervised Method using the Kramers-Moyal Coefficients **Christian Philipp,** University of Oldenburg, Germany

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02:30 - 03:30	Bigdata – Present And Future Research **Devagnanam,** Thiruthangal Nadar College, India

Q/A Session

Plenary Sessions -4

Sessions: Predictive Analytics | Data-driven Analytics and Business Management | Data Mining Applications in Science, Engineering, Healthcare | Big Data Applications, Challenges and Opportunities

Session Chair: **Ravi Prasad Ravuri,** USA

03:30 - 04:00	Lomi App **Raghad Alkhatib,** Lomi-app, Saudi Arabia
04:00 - 04:30	How to monitor and troubleshoot models in production: Stories from Trenches **Aparna Dhinakaran,** Arize AI, USA
04:30 - 05:00	Emerging Smart Cities Resiliency through Data Analytics **Mohammad Shalan,** Aqarat Real Estate Development Company, Saudi Arabia

Q/A Session

End of Day 1

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Day 2 - September 07, 2021 - EDT	
08:30 - 08:40	Introduction
Keynote Forum	
08:40 - 09:20	Data extraction, network modelling and analysis of a complex network **Hafiz Abid Mahmood Malik,** Arab Open University, Bahrain
09:20 - 10:10	Reconstruction of Multidimensional Data on Intelligent Technology and Artificial Intelligence **Dariusz Jacek Jakóbczak,** Koszalin University of Technology, Poland
10:10 - 10:20	**Q/A Session**
Plenary Sessions -1	
Sessions: Artificial Intelligence | Big Data Analytics and Algorithms | Big Data in Nursing Research | Big Data Technologies | Big Data Applications, Challenges and Opportunities	
Session Chair: Dileep Musa, Infosys, USA	
10:20 - 10:50	Role of Artificial Neural Network in Modeling Thermal Conductivity Properties of Different Nanofluids **Masoud Vakili,** Iran University of Science and Technology, Iran
10:50 - 11:20	Application of artificial intelligence methods for detection of physiological and pathological changes in cells **Igor Pantic,** Serbia
11:20 - 11:50	Big Data Analytics in Cyber Security Context **Farah Jemili,** University of Sousse, Tunisia
11:50 - 12:20	**Dr Nalina S. University of Namibia,** Namibia
12.20-12.50	Using Predictive Analytics to Human Work in Administrative Workflows **Charles Roberto Telles,** Federal Universtity of Paraná, Brazil
Q/A Session	
End of Day 2	