

DAY-1 (September 07, 2017)

Sunset -1

Conference Series LLC is a committed open access publisher and event organizer in the field of science and technology, established with a view to 'Accelerate Scientific Discovery' through Innovation and Knowledge Dissemination via Scientific Associations and meaningful Collaborations.

Conference Series LLC Conferences & Events

Established in the year 2008, Conference Series LLC has emerged as a major Science event organizer globally. It organizes over 3000+ conferences across the globe in Medical, Engineering, Nanotechnology, Clinical, Pharmaceutical, Physics and Materials Science, Management and Life Science to cover a wide range of topics.

CONFERENCE SERIES LLC got the rare reputation of organizing more than 500 Science events/conferences in a span of 5 years. Though organized events in US initially; Conference Series LLC is gradually expanding its presence in Europe, Middle East, Asia Pacific and South Asia.

99% of the US based Academic institutions have attended one or the other of the Conference Series LLC Conferences. Companies of fortune 500 and the top most corporate have so far attended the CONFERENCE SERIES LLC Science Conferences and events. CONFERENCE SERIES LLC could tie-up successfully with 300 academic, research and corporate institutions to form a scientific alliance.

OPENING CEREMONY (08:45: 09:00)

A very good morning to all Keynote Speakers, Plenary Speakers, Speakers, Delegates and Student participants and Welcome!

Myself Dr Fairouz Kamareddine, Heriot-Watt University, UK

On behalf of the Organizing Committee, it gives me great pleasure to welcome you to our meeting – the **4th International conference on Big Data Analysis and Data Mining** by Conference Series LLC. I would like to thank Conference Series LLC for giving me this opportunity.

Thank you all for making the trip to be here today!

This conference has been initiated with valuable suggestions and constant encouragement from the CONFERENCE SERIES LLC Group's refereed Journal of Computer Engineering & Information Technology, Journal of Computer Science & Systems Biology and Journal of Data Mining in Genomics & Proteomics. Over these two days we are providing a platform for sharing your research findings and encouraging new collaborations as well as publishing your research in open access journals.

We are very thankful to all the editorial board members in providing their support and suggestions in organizing this event.

Today marks another major event provided by the Conference Series LLC Conferences, providing this opportunity to interact, reflect and share experiences on Big Data and Data Mining.

Data Mining 2017 aims to bring together directors, academic scientists and leading scholars to exchange and share their experiences and research under the theme “**Future Technologies for Knowledge Discoveries in Data**” to discuss the practical aspects.

We welcome you for joining us to witness the advances in this field together.

The conference has attracted delegates, who have come from all over the world and I wish you a pleasant stay in Paris, France and fruitful discussions at Data Mining 2017. I would like to thank all speakers and event partners for their continuous support and patronage.

The Conference Series LLC wishes to thank all the staff of the Editorial Board & Organizations who have worked hard to bring this meeting together. The Conference Series LLC staff and program committee have put in long hours and many creative ideas.

Finally, we thank each & every participant at this conference.

We hope you enjoy the conference and your participation will contribute to new collaborations and research initiatives.

Introduction of Honorable guests

Now I am privileged to briefly introduce the Honorable Guests, each of whom will come and take their seat here on the dais immediately following their introduction.

- I am honored to invite **Michael Valivullah, NASS, US Department of Agriculture, USA** on the Dias.
- I am honored to invite **Fionn Murtagh, University of Huddersfield, UK** on the Dias.
- I am honored to invite **Ergi Sener, Bonbon Tech, Turkey** on the Dias.

Thank you all.

(Honorable guests will have to give 5mins speech, addressing attendees and on conference theme)

We will now begin the Key-Note forum.

Keynote forum

Introduction of Keynote Speakers

I will now briefly introduce the Key Note Speaker

Key note Speech 01:

Michael Valivullah is currently serving as the Chief Technology Officer (CTO) at US Department of Agriculture’s (USDA) National Agricultural Statistics Service (NASS). He served as Director of Information Technology (IT) and Chief Information Officer (CIO) at

NASS and the Directorate of Science and Technology in the US Department of Homeland Security (DHS). He is a member of the Senior Executive Service (SES) in the US Federal Government. He has worked for 14 years in the public sector and over 15 years in the private sector and non-profits.

I call upon Dr. Michael Valivullah, NASS, US Department of Agriculture, USA

Key note by **Dr. Michael Valivullah, NASS, US Department of Agriculture, USA (09:00-09:30)**

I take the immense pleasure of inviting **Dr. En-Bing Lin** to felicitate **Dr. Michael Valivullah** with the Keynote certificate.

Key note Speech 02:

En-Bing Lin is a Professor of Mathematics at Central Michigan University, USA. He has been associated with several institutions including Massachusetts Institute of Technology, University of Wisconsin-Milwaukee, University of California, Riverside, University of Toledo, UCLA, and University of Illinois at Chicago. He received his PhD from Johns Hopkins University. His research interests include Data Analysis, Applied and Computational Mathematics, and Mathematical Physics. He has supervised a number of graduate and undergraduate students. He serves on the editorial boards of several journals. He has organized many special sessions at regional IEEE conference.

I call upon Dr. En-Bing Lin, Central Michigan University, USA

Key note by **Dr. En-Bing Lin, Central Michigan University, USA (09:30-10:00)**

I take the immense pleasure of inviting **Dr. Petra Perne** to felicitate **Dr. En-Bing Lin** with the Keynote certificate.

Key note Speech 03:

Petra Perne is the Director of the Institute of Computer Vision and Applied Computer Sciences IBaI. She received her Diploma degree in Electrical Engineering and PhD degree in Computer Science for the work on "Data reduction methods for industrial robots with direct teach-in-programing". Her habilitation thesis entitled "A methodology for the development of knowledge-based image-interpretation systems". She has been the Principal Investigator of various national and international research projects. She received several research awards for her research work and has been awarded with three business awards for her work on bringing intelligent image interpretation methods and data mining methods into business. Her research interest includes "Image analysis and interpretation, machine learning, data mining, big data, machine learning, image mining and case-based reasoning".

I call upon Dr. Petra Perne, Institute of Computer Vision and applied Computer Sciences, Germany

Key note by **Dr. Petra Perne, Institute of Computer Vision and applied Computer Sciences, Germany (10:00-10:30)**

I take the immense pleasure of inviting **Dr. Fionn Murtagh**, to felicitate **Dr. Petra Perne** with the Keynote certificate.

Group Photo: 10:30 - 10:35

I Request all the speakers and attendees of Data Mining 2017 to gather for a group photo.

Coffee @ Foyer: 10:35-10:50

We all shall meet here after a quick 15 min to continue with the Keynote Session.

Key note Speech 04:

Fionn Murtagh is Professor of Data Science and previously he was into Big Data in Education, Astrophysics and Cosmology. He was the Director of National Research Funding across many domains including Computing & Engineering, Energy, Nanotechnology and Photonics. He has been the Professor of Computer Science, including Head of Department, and Head of School at many universities. He was the Editor-in-Chief of the Computer Journal for more than 10 years, and is a Member of the Editorial Boards of many other journals.

I call upon Dr. Fionn Murtagh, University of Huddersfield, London, UK

Key note by **Dr. Fionn Murtagh, University of Huddersfield, London, UK (10:50-11:20)**

I take the immense pleasure of inviting **Dr. Michael Valivullah**, to felicitate **Dr. Fionn Murtagh** with the Keynote certificate.

Thank you all. We will start the plenary sessions now.

11:20-11:50	Title: Big Data – Big Challenge for Public Administration – Experiences of Pilot Project in Ministry of Public Administration of Republic Slovenia
	Dr. Karmen Kern Pipan , Ministry of Public Administration, Republic Slovenia
11:50-12:20	Title: A Complementary Square-Error Clustering Criterion and Initialization of K-Means
	Boris Mirkin , Higher School of Economics, Russia

12:20-12:50	Title: Process Before-after Order Data Verification/Prediction Systems based on Paraconsistent Annotated Logic Program Bf-EVALPSN
	Kazumi Nakamatsu, University of Hyogo, Japan

We all shall meet here after **40 min lunch break** at Restaurant to continue with the Plenary Session.

Lunch @ NCafé (12:50-13:30)

Thank you all.

13:30-14:00	Title: Smart data acquisition and analysis for deep learning based systems
	Pavel kisilev, Huawei Research , Israel
14:00-14:30	Title: Predicting Corporate Misconduct
	Bennett B. Borden, Drinker Biddle & Reath, USA
14:30-15:00	Title: Exact data mining from inexact data
	Nikolaos Freris, New York University Abu Dhabi, UAE

Felicitations

Mementos to be handed over by Dr. Fairouz Kamareddine, Heriot-Watt University, UK

Mementos presentations to our Organizing Committee Members/ Honourable Guest/ Plenary speakers who is present here with us

Name	Affiliation
Fionn Murtagh	University of Huddersfield , UK
Michael Valivullah	National Agricultural Statistics Service, USA
Ergi Sener	Bonbon Tech, Turkey
Boris Mirkin	National Research University Higher School of Economics, Russia
Karmen Kern Pipan	Ministry of Public Administration, Republic Slovenia
Kazumi Nakamatsu	University of Hyogo, Japan
Pavel kisilev	Huawei Research , Israel
Bennett B Borden	Drinker Biddle & Reath, USA
Nikolaos Freris	New York University Abu Dhabi, UAE

Thank you all. We will start the scientific sessions now.

Speaker session on Track 1, 2, 3, 6, 8, 9, 11, 15, 17, 21 & 25 will start at 15:00

	Session Introduction
Data Mining Applications in Science, Engineering, Healthcare and Medicine Data Mining Methods and Algorithms Artificial Intelligence Big Data Applications Big Data Algorithm Data Privacy and Ethics Data Mining Analysis Business Analytics Optimization and Big Data New visualization techniques Clustering	
Chair	Dr. Michael Valivullah, CTO, NASS, USA
Co-Chair	Dr. Petra Perne, Institute of Computer Vision and applied Computer Sciences, Germany
<p>Michael Valivullah is currently serving as the Chief Technology Officer (CTO) at US Department of Agriculture’s (USDA) National Agricultural Statistics Service (NASS). He served as Director of Information Technology (IT) and Chief Information Officer (CIO) at NASS and the Directorate of Science and Technology in the US Department of Homeland Security (DHS). He is a member of the Senior Executive Service (SES) in the US Federal Government. He has worked for 14 years in the public sector and over 15 years in the private sector and non-profits.</p>	
<p>Petra Perne is the Director of the Institute of Computer Vision and Applied Computer Sciences IBAI. She received her Diploma degree in Electrical Engineering and PhD degree in Computer Science for the work on “Data reduction methods for industrial robots with direct teach-in-programing”. Her habilitation thesis entitled “A methodology for the development of knowledge-based image-interpretation systems”. She has been the Principal Investigator of various national and international research projects. She received several research awards for her research work and has been awarded with three business awards for her work on bringing intelligent image interpretation methods and data mining methods into business. Her research interest includes “Image analysis and interpretation, machine learning, data mining, big data, machine learning, image mining and case-based reasoning”.</p>	
15:00-15:20	Title: Scalable robust clustering method for large and sparse data
	Tommi Kärkkäinen, University of Jyväskylä, Finland
15:20-15:40	Title: Data is not wrong, but your use of it might be!
	Fred Jacquet, Evangelist, France
15:40-16:00	Title: An Automatic Data Prediction System with Business Applications
	Morgan C. Wang, University of Central Florida, USA

Thank you all.

Tea @ Foyer: 16:00-16:15

We all shall meet here after a quick 15 min to continue with the Scientific Session.

16:15-16:35	Title: A novel linear-time and memory saving approach for visual exploratory data analysis: data embedding and graph visualization
	Witold Dzwinel, AGH University of Science and Technology, Poland
16:35-16:55	Title: Multi-objective Optimization via Visualization
	Nicolas Wesner, Mazars Actuariat, France
16:55-17:15	Title: Multi-criteria Decision-making for Purchasing Cell Phones Using Machine Learning Approach
	S N Mohanty, KIIT University, India
17:15-17:35	Title: Big Data - applied in healthcare context, the case study of diabetes
	Jenny Lundberg, Linnaeus University, Sweden

Now, I would like request **Dr. Fionn Murtagh, University of Huddersfield, UK** to felicitate **Dr. Michael Valivullah and Dr. Petra Perne** with the **Chair and Co-chair certificates** respectively.

YRF Session	
17:35-17:55	YRF: Cost-Sensitive Deep Neural Networks to Address Class Imbalanced Problem
	Krui Seng , Lingnan University, Hong Kong
17:55-18:15	YRF: Data driven intelligent analytics in education domain
	Prajakta Diwanji, FHNW University of Applied Sciences and Arts , Switzerland
18:15-18:35	YRF: The Domus-LIG Experimental Living-Lab methodology and the EmOz platform: overview of spontaneous and ecological corpora - from Small Smart Data to Big Data
	SASA Yuko, University Grenoble Alps , France

Now, I would like request **Dr. Michael Valivullah, CTO, NASS, USA** to felicitate **Dr. Fairouz Kamareddine** with the **Moderator certificate**.

Thank you all to be a part of Data Mining 2017, Day 1. We will meet again tomorrow and start Day 2 at 9:00 AM.