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Tentative Program

4th International conference on

Big Data Analysis and Data Mining

September 07-08, 2017 Paris, France

Theme: "Future Technologies for Knowledge Discoveries in Data"



For Available Speaker Slots

bigdata@enggconferences.com

Conference Secretariat

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Conference Highlights

- Data Mining Applications in Science, Engineering, Healthcare and Medicine
- Data Mining Methods and Algorithms
- Artificial Intelligence
- Data Warehousing
- Data Mining Tools and Software
- Big Data Applications
- Data Mining Tasks and Processes
- Big Data Algorithm
- Data Privacy and Ethics
- Big Data Technologies
- Data Mining Analysis
- Cloud computing
- Social network analysis
- Complexity and Algorithms
- Business Analytics
- Open Data
- Optimization and Big Data
- Forecasting from Big Data
- OLAP Technologies
- ETL (Extract, Transform and Load)
- New visualization techniques
- Search and data mining
- Kernel Methods
- Frequent Pattern Mining
- Clustering



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Tentative Program	
Day 1 Septmber 07, 2017	
9:00 : 09:15	**Registrations**
09.15 : 09:30	**Opening Ceremony**
Keynote Forum	
	Introduction
09:30-10:00	Title: **Big Data, Data Hubs, Sensors, IoT and Precision Agriculture – Their Effect on Data Collection, Analysis, Forecasting and Survey Processes**
	Dr. Michael Valivullah,NASS, US Department of Agriculture, USA
10:00-10:30	Title: **Disrupting retail analysis with patent applied wi-fi based advanced analytics solution - BonAir**
	Ergi Sener, Bonbon Tech, Turkey
10:30-11:00	Title: **Maintenance of Engineering Systems by Big Data**
	Petra Perne, Institute of Computer Vision and applied Computer Sciences, Germany
11:00 - 11:05	**Group Photo**
11:05-11:20	**Coffee Break**
11:20-11:50	Title: **Data Mining in Big Data Analytics: Exploiting Resolution Scale, Addressing Bias, Having Analytical Focus**
	Fionn Murtagh,University of Derby, UK
	Plenary Session
11:50-12:20	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
12:20-12:50	Title:**A Complementary Square-Error Clustering Criterion and Initialization of K-Means**
	Boris Mirkin,Higher School of Economics, Russia
12:50-13:20	Title: **Process Before-after Order Data Verification/Prediction Systems based on Paraconsistent Annotated Logic Program Bf-EVALPSN**
	Kazumi Nakamatsu,University of Hyogo, Japan
13:20-14:00	**Lunch Break**
14:00-14:30	Title: **Smart data acquisition and analysis for deep learning based systems**
	Pavel kisilev, Huawei Research , Israel
14:30-15:00	Title: **Predicting Corporate Misconduct**
	Bennett B. Borden, Drinker Biddle & Reath, USA
15:00-15:30	Title: **Two applications of Variable Neighborhood Search in Data Mining**
	Pierre Hansen,GERAD and HEC Montréal, Canada
	Panel Discussion

Track 1	**Data Mining Applications in Science, Engineering, Healthcare and Medicine**
Track 2	**Data Mining Methods and Algorithms**
Track 3	**Artificial Intelligence**
Track 6	**Big Data Applications**
Track 8	**Big Data Algorithm**
Track 9	**Data Privacy and Ethics**
Track 15	**Business Analytics**
Track 17	**Optimization and Big Data**
Track 21	**New visualization techniques**
Track 25	**Clustering**
Chair	**Michael Valivullah, CTO, NASS, USA**
	Session Introduction
15:30-15:50	**Title: Scalable robust clustering method for large and sparse data**
	Tommi Kärkkäinen,University of Jyväskylä, Finland
15:50-16:10	**Title: Data is not wrong, but your use of it might be!**
	Fred Jacquet, Evangelist, France
16:10-16:30	**Title: An Automatic Data Prediction System with Business Applications**
	Morgan C. Wang, University of Central Florida, USA
16:30-16:45	**Tea Break**
16:45-17:05	**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
17:05-17:25	**Title: Multi-objective Optimization via Visualization**
	Nicolas Wesner, Mazars Actuariat, France
17:25-17:45	**Title: Multi-criteria Decision-making for Purchasing Cell Phones Using Machine Learning Approach**
	S.N.Mohanty, KIIT University, India
17:45-18:05	**Title: Big Data - applied in healthcare context, the case study of diabetes**
	Jenny Lundberg, Linnaeus University, Sweden
Day 2 Septmber 08, 2017	
Keynote Forum	
	Introduction
10:00-10:30	**Title: Vocational Computing: A Data Mining Application for the Workplace**
	Fillia Makedon, The University of Texas Arlington, USA
10:30-11:00	**Title:Extensions of Dynamic Programming: Applications for Decision Trees**
	Mikhail Moshkov, King Abdullah University of Science and Technology , Saudi Arabia
11:00-11:20	**Coffee Break**
11:20-11:50	**Title: Effective choice and ranking of alternatives in search and recommendation problems**
	Fuad Aleskerov, National Research University Higher School of Economics,Russia

	Plenary Session
11:50-12:20	**Title: Big Data Winners and Losers: The Ethics of Algorithms**
	Bennett B. Borden, Drinker Biddle & Reath, USA
12:20-12:50	**Title: SQL On Big Data – Technology, Architecture and Innovations**
	Sumit Pal, Independent Consultant , USA
12:50-13:20	**Title: Regulatory Learning: what framework can be proposed to ensure that the financial environment can be controlled?**
	Bertrand Hassani,Université Paris 1, France
13:20-14:00	**Lunch Break**
14:00-14:30	**Title: Big Data Analysis and Approximations in Information Systems**
	En-Bing Lin, Central Michigan University, USA
14:30-15:00	**Title: From Knowledge to Wealth: Intellectual Property and Technology Licensing**
	Prof. Dr. Parameshwar P. Iyer, Indian Institute of Science, India
15:00-15:30	**Title: Exact data mining from inexact data**
	Nikolaos Freris, New York University Abu Dhabi, UAE
	Panel Discussion
Track 1	**Data Mining Applications in Science, Engineering, Healthcare and Medicine**
Track 2	**Data Mining Methods and Algorithms**
Track 5	**Data Mining Tools and Software**
Track 6	**Big Data Applications**
Track 7	**Data Mining Tasks and Processes**
Track 9	**Data Privacy and Ethics**
Track 10	**Big Data Technologies**
Track 13	**Social network analysis**
Track 15	**Business Analytics**
Track 22	**Search and data mining**
Track 25	**Clustering**
Chair	**Fionn Murtagh,University of Derby, UK**
	Session Introduction
15:30-15:50	**Title: Prune the inputs, increase data volume, or select a different classification method – a strategy to improve accuracy of classification**
	Alla Sapronova, Uni Research Computing, Norway
15:50-16:10	**Title: Data Mining via Entropy: Application on Trade Database**
	Abdul Basit, State Bank of Pakistan, Pakistan
16:10-16:30	**Title: Business analytics applications in budget modelling to improve network performance**
	Eleni Rozaki, Institute of Technology Tallaght, Ireland
16:30-16:45	**Tea Break**
16:45-17:05	**Title: Powerful and Novel Multivariate Statistical Approaches in Big Data Sets and in Data Mining With Applications to Bio-, Medical-, and Material-Informatics**
	Derrick K. Rollins, Iowa State University, USA

17:05-17:25	**Title: Contextual Exploration (EC3): a strategy for the detection, extraction and visualization of target data**
	Christophe Jouis, LIP6 (CNRS -UPMC Sorbonne Université), France
17:25-17:45	**Title: Objective function-based clustering via near-Boolean optimization**
	Giovanni Rossi, University of Bologna, Italy
	Young Researchers Forum
17:45-18:05	**Title: Cost-Sensitive Deep Neural Networks to Address Class Imbalanced Problem**
	Kruy Seng , Lingnan University, Hong Kong
	Video presentation
18:05-18:25	**Title: ADaGe – Automated Dataset Generator**
	Joseph Bonello, University of Malta, Malta

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

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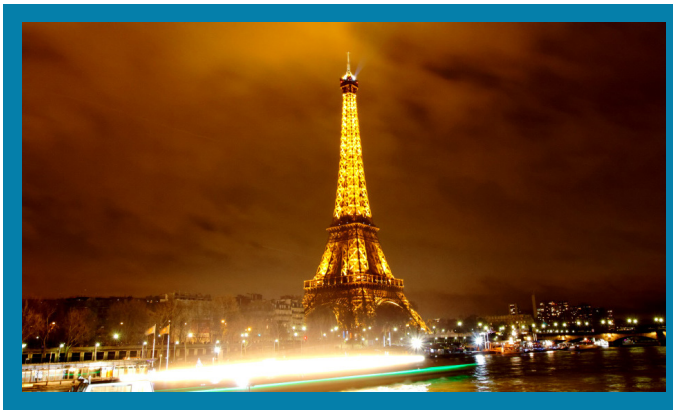

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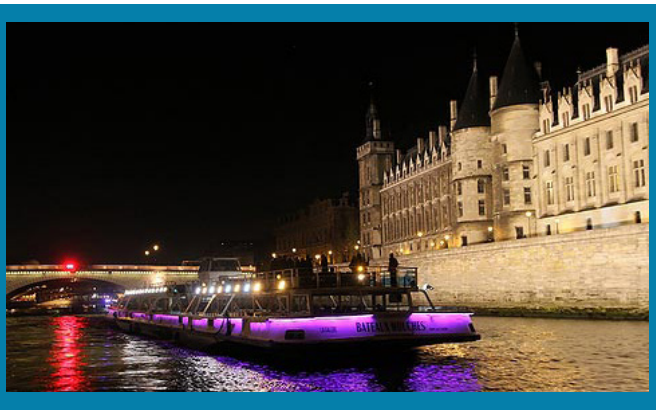

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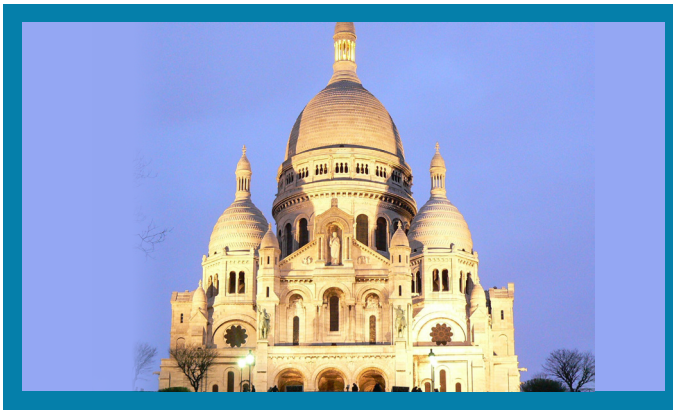
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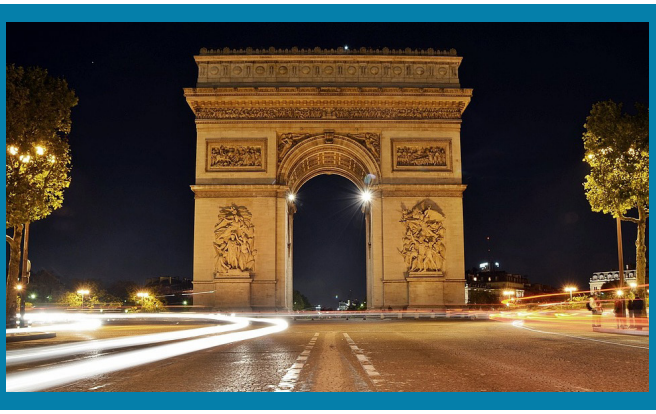
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