7th International Conference on Big Data Analytics (BDA2019)

List of Accepted Papers

Suśruta: Artificial Intelligence and Bayesian Knowledge Network in Health Care – Smartphone Apps for diagnosis and differentiation of anemias with higher accuracy at Resource Constrained Point-of-Care settings, Asoke Talukder, Shubham Yadav, Debanjan Das, Venkanna U, Rajarshi Mahapatra, Ankur Shrivastava, Prantar Chakrabarti and Sakthi Ganesh. , IIIT Naya Raipur, Chhattisgarh, India; SRIT India Pvt. Ltd., Bangalore, India; AIIMS, India; NRS Medical College and Hospital, Kolkata, India.

A novel approach to identify the determinants of online review helpfulness and predict the helpfulness score across product categories, Debasmita Dey and Pradeep Kumar, Indian Institute of Management, Lucknow.

TKG: Efficient Mining of Top-K Frequent Subgraphs, Philippe Fournier-Viger, Chao Cheng, Jerry Chun-Wei Lin and Unil Yun, Harbin Institute of Technology (Shenzhen), China; Western Norway University, Norway; Sejong University, Seoul, Republic of Korea.

Discovering Spatial High Utility Frequent Itemsets in Spatiotemporal Databases, P. Pradeep Chandra , R. Uday Kiran, Koji Zettsu, Masashi Toyoda, P. Krishna Reddy , and Masaru Kitsuregawa. IIIT, Hyderabad, India; National Institute of Information and Communications Technology, Tokyo, Japan; National Institute of Informatics, Tokyo, Japan.

Recent Advances and Challenges in design of Non-Goal-Oriented Dialogue Systems, Akanksha Mehndiratta and Krishna Asawa, Jaypee Institute of Information Technology, Noida, India.

Analysis and Recognition of Hand-drawn Images with Effective Data Handling, Mohit Gupta and Pulkit Mehndiratta, Jaypee Institute of Information Technology, Noida, India.

Gossip Based Distributed Real Time Task Scheduling with Guaranteed Performance on Heterogeneous Networks, Moumita Chatterjee, Anirban Mitra, Sudipta Roy, Somasis Roy, Hirav Shah and Sanjit Kr. Setua. Calcutta University , India; Ganpat University, Mehsana, India; Academy of Technology, India; Washington University, USA.

Real time static gesture detection using machine learning, Kalpdrum Passi and Sandipgiri Goswami, Laurentian University, Canada.

Market Intelligence for Agricultural Commodities using Forecasting and Deep Learning Techniques, Swapnil Shrivastava, Supriya N Pal and Ranjeet Walia. Centre for

Development of Advanced Computing (CDAC), Bangalore, India; National Institute of Technology, Hamirpur, India.

Efficient Algorithms For Flock Detection In Large Spatio-Temporal Data, Jui Mhatre, Harsha Agrawal and Sumit Sen. Veermata Jijabai Technological Institute, Mumbai, India; Indian Institute of Technology - Bombay, India.

Interpreting Context of Images using Scene Graphs, Himagi Mittal, Ajith Abraham and Anuja Arora, Jaypee Institute of Information Technology, India; MIR Labs, USA.

Deep Learning in the Domain of Near-Duplicate Document Detection, Rajendra Kumar Roul and Jajati Keshari Sahoo. Thapar Institute of Engineering and Technology, Patiala, India; BITS-Pilani, Goa, India.

Improving Result Diversity using Query Term Proximity in Exploratory Search, Vikram Singh and Mayank Dave, National Institute of Technology, Kurukshetra, India.

Data-Driven Optimization of Public Transit Schedule, Sanchita Basak, Fangzhou Sun, Saptarshi Sengupta and Abhishek Dubey, Vanderbilt University, USA.

Pairing Users in Social Media via Processing Meta-data from Conversational Files, Meghna Chaudhary, Ravi Sharma and Sriram Chellappan. University of South Florida, USA.

An Explicit Relationship between Sequential Patterns and their Concise Representations, Hai Duong, Tin Truong, Bac Le and Philippe Fournier-Viger, VNU-HCMC, University of Science, Ho Chi Minh, Vietnam; University of Dalat, Dalat, Vietnam, and Harbin Institute of Technology (Shenzhen), Shenzhen, China.

Data Cube is Dead, Long Life to Data Cube in the Age of Web Data, Selma Khouri, Nabila Berkani, Ladjel Bellatreche and Dihia Lanasri. ENSMA, France; Poitiers University, France.

Local Temporal Compression for (Globally) Evolving Spatial Surfaces, Xu Teng, Prabin Giri, Matthew Dwyer, Jidong Sun and Goce Trajcevski, Iowa State University, USA.