

Schedule of Research Track Sessions

Research Track Oral Session RT1: Thursday, January 3, 2019, 11:30am - 01:00pm			
Session Chair: Susmita Ghosh			
Session Code	Paper ID	Authors	Title
RT1-01	25	Palash Dey, Pravesh Kothari and Swaprava Nath	The Social Network Effect on Surprise in Elections
RT1-02	105	Tanya Chowdhury and Tanmoy Chakraborty	CQASUMM: Building References for Community Question Answering Summarization Corpora
RT1-03	70	Manjira Sinha, Satarupa Guha, Preethy Verma, Tridib Mukerjee and Sandya Mannarswamy	My City, My Voice: Listening to the Citizen Views from Web Sources
RT1-04	106	Sonu Gupta, Ponnurangam Kumaraguru and Tanmoy Chakraborty	MalReG: Detecting and Analyzing Malicious Retweeter Groups
RT1-05	80	Suman Banerjee and Bithika Pal	On the Enumeration of Maximal (Δ , γ)-Cliques of a Temporal Network

Research Invited Talk Session: Thursday, January 3, 2019, 4:00pm - 5:30pm			
Session Chair: Shourya Roy			
Session Code	Talk ID	Authors	Title
Inv-01	Talk #1	Jayant Haritsa, IISc, Bangalore	Declarative Query Processing: The Last Frontier
Inv-01	Talk #2	Balaraman Ravindran, IIT-M, Chennai	Beyond rewards
Inv-01	Talk #3	Sriraam Natarajan, University of Texas, Dallas	Human Allied Artificial Intelligence

Research Track Poster Session: Thursday, January 3, 2019, 06:00pm - 08:00pm

Session Code	Paper ID	Authors	Title
Invited Poster		Jobin Wilson, Amit Meher, Bivin Vinodkumar Bindu, Manoj Sharma, Vishakha Pareek, Santanu Chaudhury and Brejesh Lall	AutoGBT: Automatically Optimized Gradient Boosting Trees for Classifying Large Volume High Cardinality Data Streams under Concept Drift (Winner of AutoML Challenge at NIPS 2018).
RTP-01	21	Gutha Jaya Krishna and Vadlamani Ravi	Feature Subset Selection using Adaptive Differential Evolution: An Application to Banking
RTP-02	23	Senthil Mani, Anush Sankaran and Rahul Aralikatte	DeepTriage: Exploring the Effectiveness of Deep Learning for Bug Triaging
RTP-03	26	Nagendra Kumar, Srikanth G, Karthik Yadav Mudda, Gayam Trishal, Anand Konjengbam and Manish Singh	Where to Post: Routing Questions to Right Community in Community Question Answering Systems
RTP-04	60	Suganya R, Vinodhini R and Rajaram S	Monitoring the growth of polycystic ovary syndrome using Mono-modal image registration technique
RTP-05	67	Athindran Ramesh Kumar, Balaraman Ravindran and Anand Raghunathan	Pack and Detect: Fast Object Detection in Videos Using Region-of-Interest Packing
RTP-06	77	Tanvi Chawla, Giridhari Singh and Emmanuel S. Pili	HyPSo: Hybrid Partitioning for Big RDF Storage and Query Processing
RTP-07	86	Rucha Tambe, Sarang Mahajan, Urmil Shah, Mohit Agrawal and Dr. Bhushan Garware	Towards designing an Automated Classification of Lymphoma Subtypes using Deep Neural Networks
RTP-08	88	R K N Sai Krishna, Tekur Chandrasekhar and Phani Arnab	RepliSmart: A Smart Replication framework for optimal query throughput in read-heavy environments
RTP-09	110	Monidipa Das and Soumya Ghosh	Space-time Prediction of High Resolution Raster Data: An Approach based on Spatio-temporal Bayesian Network (STBN)

Research Invited Talk Session: Friday, January 4, 2019, 10:00am - 10:30am			
Session Chair: Sayan Ranu			
Session Code	Talk ID	Authors	Title
Inv-02	Talk #4	Vikas Raykar, IBM Research - India	AI for fashion: Data is the new black

Research Track Oral Session RT2: Friday, January 4, 2019, 11:00am - 12:30pm			
Session Chair: Pawan Goyal, IIT-Kharagpur			
Session Code	Paper ID	Authors	Title
RT2-01	68	Pradumn Kumar Pandey, Sourangshu Bhattacharya and Niloy Ganguly	Non-link Preserving Network Embedding using Subspace Learning for Network Reconstruction
RT2-02	30	Shubhadip Mitra, Priya Saraf, Richa Sharma, Arnab Bhattacharya and Sayan Ranu	NetClus: A Scalable Framework to Mine Top-K Locations for Placement of Trajectory-Aware Services
RT2-03	36	Ahsaas Bajaj, Hemant Tiwari and Vanraj Vala	Enhanced Learning to Rank using Cluster-loss Adjustment
RT2-04	53	Naresh Manwani	PRIL: Perceptron Ranking Using Interval Labels
RT2-05	33	Vinay Ms and Jayant R. Haritsa	Root Rank: A Relational Operator for KWS Result Ranking

Research Invited Talk Session: Saturday, January 5, 2019, 10:00am - 10:30am

Session Chair: Niloy Ganguly

Session Code	Talk ID	Authors	Title
Inv-03	Talk #5	Joydeep Ghosh, University of Texas, Austin	Learning from aggregated data

Top-Tier Conference Paper Session: Saturday, January 5, 2019, 11:00am - 12:30pm

Session Chair: Soma Biswas

Session Code	Paper ID	Presenter	Citation
RT3-01	16	Vinay Kumar Verma	Vinay Kumar Verma, Gundeep Arora, Ashish Mishra, Piyush Rai; "Generalized Zero-Shot Learning via Synthesized Examples," The IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2018, pp. 4281-4289
RT3-02	38	Bidisha Samanta	Bidisha Samanta, Abir De, Gourhari Jana, Pratim Kumar Chattaraj, Niloy Ganguly, Manuel Gomez Rodriguez(MPI-SWS) "NeVAE: A Deep Generative Model for Molecular Graphs" accepted in AAAI 2019.
RT3-03	72	Madhav Nimishakavi	Madhav Nimishakavi, Pratik Jawanpuria and Bamdev Mishra. A Dual Framework for Low-rank Tensor Completion. Advances in Neural Information Processing Systems 2018.
RT3-04	8	Palash Dey	Palash Dey, Resolving Computational Complexity of Some Fundamental Problems in Computational Social Choice, PhD Thesis, Dept. of Computer Science and Automation, Indian Institute of Science, Supervisors: Prof. Y. Narahari and Prof. Arnab Bhattacharyya, 2017. (ACM Dissertation Award)

Research Track Oral Session RT3: Saturday, January 5, 2019, 11:00am - 12:30pm			
Session Chair: Ansuman Banerjee, Indian Statistical Institute, Kolkata			
Session Code	Paper ID	Authors	Title
RT3-01	16	Sumit Soman and Jayadeva Prof	Learning from Low Training Data using Classifiers with Derivative Constraints
RT3-02	38	Mandikal Vikram, A Aditya, Suhas B S and Sowmya Kamath	An Approach for Multi-modal Medical Image Retrieval using Latent Dirichlet Allocation
RT3-03	72	Vasudha Todi, Gunjan Sengupta and Sourangshu Bhattacharya	Probabilistic Path Planning using Obstacle Trajectory Prediction
RT3-04	8	Angshul Majumdar	Deeply Coupled Graph Structured Autoencoder for Domain Adaptation
RT3-05	121	Rahul Garg, Chayan Sharma, Aashish Nagpal and Pawan Kumar	Near-Separable Non-negative Matrix Factorization Using L1-Optimization

Invited Talk Session: Saturday, January 5, 2019, 3:00pm - 3:30pm			
Session Chair: Arnab Bhattacharya			
Session Code	Talk ID	Authors	Title
Inv-04	Talk #6	Soma Biswas, Indian Institute of Science, Bangalore	Cross-modal matching