

**3<sup>rd</sup> International Workshop on Knowledge Discovery from Sensor Data  
(SensorKDD'09)**

**Workshop Program**

<b>Session/ Moderator</b>	<b>Time</b>	<b>Duration (minutes)</b>	<b>Presentation</b>
	<b>9:00 – 9:05</b>	<b>5</b>	<b>Opening Remarks by Workshop Organizers led by Dr. Auroop R. Ganguly</b>
Session 1/ Auroop Ganguly	9:05 – 9:35	30	<b>First Invited Speaker:</b> Dr. Aurelie Lozano IBM T.J. Watson Research Center
	9:35 – 9:55	20	K. Steinhäuser, et. al. “An Exploration of Climate Data Using Complex Networks”
	9:55 – 10:10	15	S. Tripathi, et. al. “On the Identification of Intra-seasonal Changes in the Indian Summer Monsoon”
	<b>10:10 – 10:30</b>	<b>20</b>	<b>Coffee Break</b>
Session 2/ Nitesh Chawla	10:30 – 10:50	20	C.L. Moser, et. al. “A Comparison of SNOTEL and AMSR-E Snow Water Equivalent Datasets in Western U.S. Watersheds”
	10:50 – 11:10	20	J. Bakker, et. al. “Handling Outliers and Concept Drift in Online Mass Flow Prediction in CFB Boilers”
	11:10 – 11:30	20	M. Das, et. al. “Anomaly Detection and Spatio-Temporal Analysis of Global Climate System”
	11:30 – 11:45	15	C. Li, et. al. “OcVFDT: One-class Very Fast Decision Tree for One-class Classification of Data Streams”
	11:45 – 12:00	15	L. Wan, et. al. “A Frequent Pattern Based Framework for Event Detection in Sensor Network Stream Data”
	12:00 – 12:15	15	E. Garcia-Cuesta, et. al. “Supervised Clustering via Principal Component Analysis in a Retrieval Application”
	12:15 – 12:30	15	Y. Najja, et. al. “A Novel Measure for Validating Clustering Results Applied to Road Traffic”
	<b>12:30 – 2:00</b>	<b>90</b>	<b>Lunch</b>
Session 3/ Joao Gama	2:00 – 2:30	30	<b>Second Invited Speaker:</b> Alessandro Donati Head, European Space Agency
	2:30 – 2:50	20	R.R. Vatsavai. “Phenological Event Detection from Multitemporal Image Data”
	2:50 – 3:10	20	S. Tripathi, et. al. “Change Detection in Rainfall and Temperature Patterns over India”
	3:10 – 3:25	15	M. Guder, et. al. “Clustering of Power Quality Event Data Collected via Monitoring Systems Installed on the Electricity Network”
	3:25 – 3:40	15	V. Radosavljevic, et. al. “Reduction of Ground-Based Sensor Sites for Spatio-Temporal Analysis of Aerosols”
	<b>3:40 – 4:00</b>	<b>20</b>	<b>Coffee Break</b>
Session 4/ Mohamed Gaber	4:00 – 4:30	30	<b>Third Invited Speaker:</b> Carlos Guestrin Carnegie Mellon University
	4:30 – 4:50	20	S. McRoskey, et. al. “Mining in a Mobile Environment”
	4:50 – 5:10	20	M. Hassani, et. al. “EDISKCO: Energy Efficient Distributed in-Sensor-Network K-center Clustering with Outliers”
	5:10 – 5:25	15	J. Lee, et. al. “SkyTree: Scalable Skyline Computation for Sensor Data”
	5:25 – 5:30	5	<b>Closing Remarks by Dr. Raju Vatsavai</b>