

NVIDIA AI City Challenge Workshop Draft Agenda

Time	Session
8:00 – 8:45	Registration; coffee and pastries
8:45 – 9:00	Workshop kickoff – Milind Naphade, NVIDIA
9:00 – 9:30	Key note speech – John Garofolo, NIST
9:30 – 9:45	Break
9:45 – 12:00	Presentations (15 min – each) <ol style="list-style-type: none">1. Large vehicle recognition & classification for traffic management and flow optimization in narrow roads (CERTH)2. Traffic object detection and classification (ISU-Syracuse)3. City street object detection and analysis (Taiyuan University)4. Edge-Base Street Object Detection (SJSU)5. Object detection and classification in Traffic camera data (UC Berkley)6. Robust Classification of City Roadway Objects for Traffic Related Applications (SJSU)7. Research on AI City (Taiyun University)8. Effective Object Detection from Traffic Camera Videos (UIUC)
12:00 – 1:00	Lunch break
1:00 – 3:15	Presentations (15 min each) <ol style="list-style-type: none">1. Intelligent traffic city management from surveillance systems (CERTH-ITI)2. Multi-object tracking based on Hyper-graph Formalism (SUNY)

	<ol style="list-style-type: none"> 3. City Hawk – Terrafic Brain (SJSU) 4. Addressing the Golden Hour: A machine learning approach to improve emergency response time (Sao Paulo) 5. Creating a safer city through cognitive traffic shaping (IBM) 6. Deep-Learning Based Crowd Scene Intelligence Analysis (Lehigh University) 7. Video Data Based Traffic Management System for AI cities (UC Berkley) 8. Online object tracking across cameras (UW)
3:15 – 3:30	Break
3:30 – 4:30	Demonstrations Session for all teams
4:30 – 4:45	Awards
4:45 – 5:00	Closing Remarks – Jerry Gao, SJSU, Anuj Sharma, ISU, Milind Naphade, NVIDIA
5:00 – 6:00	Reception