

GEORGIA INSTITUTE OF TECHNOLOGY
SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING
ECE 6258: DIGITAL IMAGE PROCESSING - Fall 2016
Poster Session

Date: December 6th, 2016

Time: 4:35 PM – 6:35 PM

Location: Atrium L1, Ford Environmental Science & Technology Building

Address: 311 Ferst Dr NW, Atlanta, GA 30332

#	Project Title	Student 1	Student 2
<u>Section A</u>			
1	Machine Learning based Image Denoising	Agarwal, Shivam	
2	Automated water surface area calculation through remote sensing	Ahad, Nauman	Kuo, Brian
3	Unsupervised Filter Bank Approach to Compression	Ananthan, Rishabh	
4	Face Recognition Using CNN on Compressive Measurements	Anwar, MalikAqeel	Karanth, Shantanu
5	Comparative study of different watermarking techniques in frequency domain using PCA	Borkar, Pranjali	Shivkumar, Mithali
6	Automatic Salt Dome Detection in Seismic Images	Daniels, Clara	
7	Fingerprint Recognition	Fang, Wenxin	Zhang, Zimou
8	Automatic Chess Move Detection and Recording	Friedlander, Robert	
9	Personal Gym Instructor	Gangopadhyay, Samantak	Cao, Ningyuan
10	Computed Tomography to detect Abdominal Aortic Aneurysm	Govindaluri, Sonali	Zhu, Yuanda
11	Fraudulent image recognition using passive techniques	Gu, Xiaofeng	Chen, Luyu
12	Skin Lesion Classification: Transformation-based approach to Convolutional Neural Networks	Halicek, Martin	Lehman, Charles
13	Classification of traffic signs using Machine Learning	Kadiri, Manasa	Beedu, Apoorva
14	Lane changing detector	Kaushik, Ankit	Prachansiri, Parinya
15	Automated Motion Analysis for Cerebral Health and Lifespan	Le, Kim	
16	Simple and Fast Object Detector using Convolutional Neural Networks	Li, Yin	Choudhary, Siddharth
17	Compression	Lin, Qinghai	Cheng, Wenjie
18	Ascii++	Litchfield, Samuel	Danner, Jay
19	Privacy and neutrality improvement in visio-conference using RGBD cameras	Mariot, Xavier	
20	City Perimeter Identification From Aerial Imagery	Martinez, Carlos	

21	Correlative Methods and Gaussian Processes for Image Registration	McRae, Andrew	
22	Currency Recognition System	Mehta, Chirag	Nasser, Shibani
23	Image Denoising Using Unsupervised Basis Reconstruction	Murray, Patrick	
24	Apparel Recommendation using Image Processing	Nargund, Avinash Ajit	
25	Unsupervised Image Denoising	Nguyen, Ngoc Luong	
26	Pedestrian Detection using HOG-SVM and Feature Selection using PSO/ABC	Rao, Nishanth	Veeragandham, Nihar
27	Graph-based Traffic Signal Detection	PanindrashayiShandil ya, Pushyami	Subramanian, IyerVidhya
28	Identity Detection via Handwriting Analysis	Parisi, Alex	Lee, Jinsol
29	Denoising	Schmalz, Daniel	
30	Mammogram Analysis Using MATLAB	Semiz, Beren	
31	Tracking Amount of Time Focused on the Screen Using Facial Recognition Using Convolutional Neural Networks	Shin, Taeyong	
32	Face Detection and Recognition in a Classroom	Cheng, Shing Shin	
33	SeeClear!	Spring, Eleni	Westbay, Alan
34	Handwritten Character Recognition for Kannada Text	Suresha, Pradyumna Byappanahalli	Nagesh, Supriya
35	Detection of Logos - Marketing and Advertisements.	Thonnur Parthasarathy, Varsha	Baraka Ravi, Adarsh
36	Logo detection in High Motion Video	Vora, Lipi	Vanjare,Gauresh
37	Image Colorization Based on Content-based Image Retrieval	Wang, Chunlin	Xie, Yi
38	Cloth Segmentation	Wu, Xia	Zhang, Yangfan
39	Implementation of Virtual Reality Box Based on Image Stitching With Fisheye Lens	Zhang, Bokai	

Section Q

1	Detection and Tracking of Flying Disks	Boe, Zachary	
2	Object Detection on a Mobile Platform	Frye, Kyle	Hoyt, Shaun
3	Unsupervised filter bank approach to Segmentation/Texture Recognition	Govindankutty, Vyshnavi	
4	The First Signs of Knowing : Sign Language Translation	Sullins, Benjamin	Irabor, Princess

Section QSZ

1	Smart Browsing using Motion Tracking and Pose Classification	Balwani, Aishwarya	Jaitly, Siddhartha
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2	Unsupervised filter bank approach to Segmentation/texture recognition	Jiang, Tianchong	Li, Haoting
3	Image Segmentation using Unsupervised filter bank approach	Liu, Conghai	
4	Low-cost, multi-camera object tracking system	Mathew, Melvin	