

EEC 493 Senior Design Proposal Presentation, Friday, Dec. 8, 2017, FH Foxes' Den

TIME	PROJECT	STUDENTS	SPONSOR	LIAISON	FACILITY MENTOR
9:00	Automated Drum Lift	Team 1: Kyle Lehr, David Rodriguez Boada, Samuel Seidman-Eisler, Corey Uhlar, Abdulrahman Hussein Alsomali, Jonathan Wright Team 2: Hassan Jaroudi, Antoine Hood, Andrey Lozovskiy, Jiewei Li, Jeremy Chwastowski, Yousef Kirallah	PPG Project 1	Michael Manzi	Dr. Gao
9:12	Automated Dispense Control Valve	Anson Bajramaj, Ansar Lamidze, Andrew Slesinger	PPG Project 2	Michael Manzi	Dr. Gao
9:24	High Pressure Hose Monitoring For Failure	Team 1: Michael Ely, Gregory Jakubisin, Fahad Alanazi Team 2: Catrece Jones, Evan Rednour, Abdulelah Mohammed Aldhafyan	Parker Hannifin Project 2	Becki Ramsay	Dr. Tayahi
9:36	Electrical Connector Environment Testing	Jeff Green, Steven Given, Amanuel Assefa, Dan Deger	Lincoln Electric	Todd Kooken	Dr. Hizlan
9:48	FPGA thermal monitoring	Staggs (CS), Kaur(CE), Altamimi	EECS, Department	Dr. Chu	Dr. Chu
10:00	Development of SW tool for Secure Coding	Maguire(CS), Paytosh (CS), Reading (CS), Daniel (CS)	EECS, Department	Maguire(CS)	Dr. Fu
10:12	Maximum power tracking	Abdulaziz Abdulrahman A Albakr, Moosa Alsalami, Ahmad Alshami, Hattan Khayat	EECS, Department	Dr. Tayahi	Dr. Tayahi
10:24		Break			
10:36	Multi-modal sensing for human behavior and emotion monitoring	Bayer (CE), Mocean(CE), Simmons(CE), Rosace (CS)	EECS, Department	Bayer (CE)	Dr. Zhao
10:48	CryptoShare	Lombardo(CS), Gang(CS), Liggett(CS), McCrady(CS)	Student Lead	Spencer Gang(CS)	Dr. Wang
11:00	Virtual Reality Based Applications	Hanumara(CS), Komperda(CS), Patel K(2633802)(CE), Ricketts(CS)	EECS, Department	Hanumara(CS)	Dr. Zhao
11:12	Interfacing Wireless Sensors to Augmented Reality Display for IIoT	Madison(CE), Sims(CS), Burke (CE), Patterson	Parker Hannifin	Madison(CE)	Dr. Shirazi
11:24	Social Network Web Application with Document Search Engine and NoSQL System Performance Optimization	Mccoys(CS), Balogh(CS), Wolf(CS), McKinsey (CS)	EECS, Department	Nick Mccoys(CS)	Dr. Chung
11:36	Natural Language Processing with Machine Learning for Semantic Document Search Engine	Mike D'Arcy (CS), Utkarsh Patel(CS)	EECS, Department	Mike D'Arcy(CS)	Dr. Chung
11:48	Security Testing in the Automation Environment	acharya(cs), Patel (CS) (2473177), DeNardo (CS), Reno(CS)	Rockwell Automation	Reno(CS)	Dr. Kim
12:00		Lunch			
12:30	Plant Database Reconstruction	Surti(CS), El Ghouli(CS), Tabor(CS), Ferline (CS),	NeoGraf Solutions	Ferline (CS)	Dr. Fu
12:42	IOT Monitoring Systems for Pumps, Sensor Interface With Augmented Reality, ...	Jain(CS), Wodzisz(CE), Grover(CE), Stuart Rayl (ME), Sean A Siswanto (ME)	Parker Hannifin	Jain(CS)	Dr. Chu
12:54	Design and Implementation of Automatic Gain Controller for a Vibrational Gyroscope	Kelsey Letizio, Matt Martis, Jammel McRae	EECS, Department	Dr. Dong	Dr. Dong
13:06	Bent-Knee Acquisition System for Prosthetic Leg Modeling & Control	Mike Stojasvljevi, Aaron Borns (CE), Joe Ayoub (CE), Xavier Williams (ME)	EECS, Department	Dr. Simon	Dr. Simon
13:18	Virtual Reality Based Training Modules to Overcome Phobias with HTC Vive	Leiken(CS), Doerner(CS), Seidenwand (CS), Lemanowicz(CE)	EECS, Department	Doerner(CS)	Dr. Zhao
13:30	Thermal image "stitching"	Zbin (CE), Loucka (CE), Petronzio (CE), Makulinski (CE)	EECS, Department	Loucka (CE)	Dr. Chu
13:42		Break			
13:54	Snow Depth Sensor	Mike Beers, CE: Rakan Majed G Alijoudi	EECS, Department	Student Led	Dr. Tayahi
14:06	Human-UAV-UGV Interaction and Collaboration	Cassill (CS), Wade (cs), Bajracharya (CS), Heeter (CS)	EECS, Department	Cassill (CS)	Dr. Zhang
14:18	RePlay for Kids	Biar Akar, Amber Johnson, Andres Gutierrez, Taylor Scardelletti	RePlay for Kids	Dr. Gao	Dr. Gao
14:30	Hose Products Deployed in the Dark (Source the Light-Glow & Controls)	Dylan Crocker, Benjamin Kaminski, Kyle Zaletel, Jake Zaffle, Brian Kohut, Omar Mahmoud, Ryan Becks, Peter Yelko	Parker Hannifin Project 6	Pete Buca	Dr. Tayahi
14:42	Detecting Code Smells	Barto(CS), Purvis(CS), B.Green(CS), Michael Artman(CS)	EECS, Department	Jeffery Barto	Dr. Fu