

CSU CAPSTONE TEAMS - FALL 2016
FRIDAY DECEMBER 9TH - COMPTON LOUNGE

TIME	PROJECT	STUDENTS	SPONSOR	LIASON	FACULTY
9:00	FAST Campus navigation project	Abdinajibi Yusuf Abdi, Ledis Kodra, Dawid Lenard, Tian Lu, William Pierce (5 CS/CE)	FAST	Timothy Square	Dr. Zhang
9:15	Indoor navigation using TurtleBots	James Doherty, Steven Eucker, Lucas Himmelman, Nicholas Kramer, Matthew Macias, Adam Thoennes (5 CS/CE)	Faculty Led		Dr. Zhang
9:30	Stator-based vertical-axis wind turbine (MET)	Abdullah Alzahem, William Miller, Derron Potts, Dan Washington (4 MET)	ABEDA	Bud Kinney	Dr. Atherton Dr. Rashidi
9:45	Real-time data acquisition and processing	Adel Ahmed Alhatlani, Chris Finnegan, Jennifer Klun, Ralph Sfeir, Daniel Tobin (1 ME, 2, EE, 1 CS/CE, 2 MET)	Bendix	Phillip Kasper	Dr. Atherton Dr. Gao
10:00	MET - Mini hydraulic pump	Mike Hogrefe, Trevor McClung, Ryan Wampleman (3 MET)	Vertec Enterprises	Mike Sturdevant	Dr. Atherton Dr. Rashidi
10:15	Power electronics (Signal conditioning circuit)	Mamadou Djigo, Mitsi Keyla, Kejdi Sulaj (2 EE, 1 CS/CE)	NASA	Dragos Dinca	Dr. Gao
10:30	Doubly fed induction motor control and optimization	Khalil Elassi, Wei Hong, Venkat Padaraju, Gianfranco Trovato, Shubo Zhang (4 EE, 1 CS/CE)	NASA	Linda Taylor David Sadey	Dr. Gao
10:45	Go Baby Go guided steering system for ride-on racecars	Ronnie Brady, Rudolph Libertini, Dina Nabutovsky (2 EE, 1 CS/CE)	Entrepreneurial SD	Rebecca Bompiedi	Dr. Chu
11:00	Matrix tone synthesizer	Sean Caldwell, Nabih Metri, Brett Robertson, Seth Simon, Louis Solymos (5 CS/CE)	National Science Foundation	Faculty Led	Dr. Chu
11:15	Internet of things server platform team	Brandon Rutledge, Christopher Snyder, Evan Spagnoletti, Zachary Wetzig (4 CS/CE)	Parker Hannifin 6C	Howard Zhangl Dr. Joe Kovach	Dr. Chu
11:30	Internet of things sensor testbench team	Lucas Himmelman, Mike Iannicca, Emily Recker, Anthony White (4 EE)	Parker Hannifin 6C	Howard Zhangl Dr. Joe Kovach	Dr. Chu
12:00	LUNCH				
12:45	Hardware sprite generation	Paul Durandt, Christina Vecchio, (2 CS/CE)	Faculty Led		Dr. Chu
1:00	Rosly	Derrick Awuah, Joseph Mitchell, Abdul Mujeeb, Cassandra Rodano (4 CS/CE)	Rockwell Audomation	Marzel Brown	Dr. Chung
1:15	Enhanced active convection for automation products	Alastair Mitchell, Catherine Perovsek, Alyson Plaga, Anthoni Troff (2 ME, 2 EE)	Rockwell Automation	James Carey	Dr. Gao Dr. Ibrahim
1:30	Privacy aware employee talent management	Corinne Dmitruk, Emilijus Grasyas, Anthony Parrilla, Teresa Svach, Zhe Zhao (5 CS/CE)	Rockwell Audomation	Marzel Brown	Dr. Chung
1:45	Automation of indexing feature on undercutter product family	John Schultz, Brian Squirek, Gabrijela Uskokovic (2 EE, 1 CS/CE)	Martindale Electric	Linas Biliuinas	Dr. Shirazi
2:00	Developing wireless power option for wireless sensors	Omar Albahar, Edward Evans, Igor Lavrishin, Mark Rzewnicki (4 EE)	STERIS	Eric Franchio Phil Storey	Dr. Gao
2:15	Treatment of scrubber/high humidity energy sources	Kayla Frey, Sherry LaBonne (1 ME, 1 CE)	Holistic Engineering	Joe Spagnuolo	Dr. Gatica Dr. Rashidi
2:30	Inventory control with pattern recognition and RFID	Nicholas Cerutti, Nam Hong Do, Pierre Jackson, Joseph Masar, Ryan Metzler, Paul Scaccia (1 ME, 2 EE, 3 CS/CE)	Zin Technologies	John Zoldak	Dr. Zhao
2:45	Mobile app for project management	Alex Demko, Michael Hinton, Yvonne Newman, Thomas Sullivan, Branko Vukancic (5 CS/CE)	Zin Technologies	Brian Finlay	Dr. Zhao
3:00	Transmission substation protective relay and control training rack for engineering	Charles Baskette, George Chaney, Aishwarya Gandhi, Brianna McKinney (4 EE)	First Energy Foundation	Dr. Morinec	Dr. Morinec
11:00 (Fenn Tower Ballroom)	Wrist-mounted six axis force/torque sensor	Abdulaziz Alfarhan, Sayed Adel Alzalalah, Mudenda Martin Bbela, Aakash Kapadia, Nicholas Koors (3 ME, 2 CE)	Faculty Led	Dr. Schearer	Dr. Schearer
4:00 (Fenn Tower Ballroom)	Automation of production process for small roll labels	Brittany Betschman, Justin Meinecke, Robert Rebroy (1 ME, 2 EE)	Buckeye Business Products	Patrick Mitchell Thu Ra	Dr. Gao Dr. Rashidi
4:15 (Fenn Tower Ballroom)	Off the grid propane refrigerator	Abdullah Khalid Albuguraish, Timothy Barker, Aliaksandr Kazminykh, Martin Kilbane, Erik Miller, Thomas Skinner (4 ME, 2 EE)	Crescor	Steve Mayher	Dr. Gao Dr. Rashidi