

ECE 480 Project Teams (Fall 2017)

Team 1 Eddy Current Conductivity Meter

Sponsor: **MSU-NDEL**

Facilitator: **Prof. Y. Deng**

Dong, Yu	P
Ignatowski, Matthew Paul	L
Sanchez, Alejandro Gustavo	M
Wolven, Jesse S	D

Team 3: Electricity generation from Hot Rails

Sponsor: **Union Pacific**

Facilitator: **Prof. Mitra**

Gasiorowski, Samuel Robert	M
Klapatch, Jon	L
Potoniec, Alexander David	P
Xiang, Xizhou	D
Zhang, Yifan	D

Team4: Electricity generation from regenerative rail car braking

Sponsor: **Union Pacific**

Facilitator: **Prof. Peng**

Bates, Zachary Andrew	P
Clouse, Josh	L
Shannon, Zachary Tyler	D
Staley, James Spencer	M
Wolfe, Lucas James	L

Team 6: Autonomous Robot Navigation

Sponsor: **CANVASS –Prof. Morris**

Facilitator: **Prof. Ayres**

Berger, Sonja Kristen	P
Desantis, Jacob Patrick	D
Goldwater, Garik Joseph	P
Masakowski, Alexander Paul	L
Mcquade, Abby Lynn	D
Remmo, Solomon James	M

M-Management, D-Document Prep. , P-Presentation Prep., L-Lab Coordinator

Team 7: Process Automation Monitor**Sponsor: Arcelor Mittal****Facilitator: Prof. McGough**

Alismail, Ahmed Hussain	D
Fejedelem, Mitchal	P
Mutayoba, Arnold	P
Offor, Chigoziem Michael	D
Ofori-Peprah, Eric	L
Patel, Sky	M

Team 8: Advanced Driver Assistance System**Sponsor: Continental****Facilitator: Prof. Tan**

Dooley, Philip Arthur	M
Gao, Xiangying	P
Hughes, Justin Michael	D
Timmreck, Eric Dean	L
Xu, Yuanhao	D
Zhao, Ruiming	P

Team 9: Characterizing Sow Locomotion using Kinect Depth Sensor Data**Sponsor: MSU Vet Medicine****Facilitator: Prof. Deb**

Bono, John Dominic	L
Brozovich, Ryan Douglas	P
Gajar, Nicholas Vladimir	D
Jones, Peter Alexander	D
Sajkowski, Ryan Anthony	M

Team 10: Wireless wearable motion sensor system Sponsor: ECE Dept.**Sponsor: MSU Vet Medicine****Facilitator: Prof. Ulusoy**

Chahal, Parikshit Singh	P
Driscoll, Zak	M
Friday, Joshua Thomas	P
Lindquist, Benjamin	L
Mersereau, Charles Howell Wesaw	D
Nyamor, Terlumun I	D

M-Management, D-Document Prep. , P-Presentation Prep., L-Lab Coordinator

Team 11: [Sensor/System for monitoring environment](#) –

Sponsor: MSU: Fraunhofer Institute

Facilitator: Prof. Fan

Bagnall, Nathan Avery	M
Gevaert, Brandon Phillip	P
Ng, Haitai K	D
Opperman, Justin David	D
Wu, Yuzhou	L
Xiao, Xingchen	D

Team 12: [Radar Micro-Doppler Classification for Autonomous Vehicles](#)

Sponsor: MSU: Prof. Nanzer

Facilitator: Prof. Balasubramaniam

Duggan, William Sean	P
Kim, Patrick	D
Liu, Chengsi	L
Muhammadidban, Alamzadeh	L
Riley, Donovan Paul	M
Stouka, Mohamed Youssef	D

M-Management, D-Document Prep. , P-Presentation Prep., L-Lab Coordinator