

INSPIRE University Transportation Center
Graduate Student Poster Session
August 14, 2018 - 312 Butler-Carlton Hall

Matthew Dvorsky and Stephon Barker, Missouri S&T

Microwave Imaging for Corroded Rebars and Delamination in Concrete Structures

Advisor: Dr. Reza Zoughi

Liang Fan, Missouri S&T

Hyperspectral Image Analysis for Mechanical and Chemical Properties of Concrete and Steel Surfaces

Advisor: Dr. Genda Chen

Chuanrui Guo, Missouri S&T

Integrated Fiber Optic Sensors for Strain, Temperature and Corrosion-induced Mass Loss Measurement

Advisor: Dr. Genda Chen

Blake Hament, University of Nevada, Las Vegas

Modeling Hose Dynamics for Unmanned Aerial Vehicles

Advisor: Dr. Paul Oh

Dongbin Kim, University of Nevada, Las Vegas

Parallel Manipulator-Gripper for Mobile Manipulating UAVs

Advisor: Dr. Paul Oh

Dan Li, Georgia Institute of Technology

Thermally-Stable Passive Antenna Sensor for Strain and Crack Monitoring

Advisor: Dr. Yang Wang

Liang Yang, The City College of New York

Deep Semantic 3D Visual Metric Reconstruction Using Wall-climbing Robot

Advisor: Dr. Jizhong Xiao

Haibin Zhang (for Zhaochao Li), Missouri S&T

UAV-Enabled Measurement on Magnetic Field of Smart Rocks for Bridge Scour Monitoring

Advisor: Dr. Genda Chen

Yijian (Albert) Zhang, Georgia Institute of Technology

Bridge Resilience Assessment with INSPIRE Data

Advisor: Dr. Iris Tien