Nov. 5, 2018

**Innovation seminars on Intelligent Transportation Systems set for Nov. 8 at MSU**

Innovation Seminars on Intelligent Transportation Systems on Thursday, Nov. 8, from 2-5:30 p.m. in the auditorium of the National Superconducting Cyclotron Laboratory Facility, 640 S. Shaw Lane. Find out more on research opportunities and the latest innovative transportation technologies from Thoralf Knote, Fraunhofer Institute for Transportation and Infrastructure Systems; Arnd Herwig, Brose North America, Inc.; Fabian Koark, Invensity, Inc.; Jan Schulte, Cleverciti Systems, Corp.; Andrew Whydell, ZF North America, Inc.; and Peter Savolainen, MSU Foundation Professor of Civil Engineering.

RSVP to Mary Anne Walker mawalker@msu.edu
Energy Efficiency Innovation Seminar - Smart Transportation

Thursday, Nov. 8, 2018 | 2:00PM - 5:30PM

National Superconducting Cyclotron Laboratory Facility for Rare Isotope Beam at MSU
(NSCL FRIB) AUDITORIUM | 640 S Shaw Ln | East Lansing, MI 48824

2:00pm
Welcome Remarks
- Satish Udpa, Executive Vice President, Michigan State University
- Svenja Schroeder, Manager, German American Chamber of Commerce of the Midwest

2:40pm
Fast Charging of Automated Electric Vehicles — A Common Approach for Different Vehicle Categories
Dr. Thoralf Knot, Head of Vehicle and Transport System Engineering Department, Fraunhofer Institute for Transportation and Infrastructure Systems

3:10pm
The Future of Smart Parking
Jan Schulte, Sales Director North America, Cleverciti Systems, Corp.

3:25pm
Electrification and Automation: Integration Opportunities to Improve Energy Efficiency and the Travel Experience
Andrew Whydell, Vice President Product Planning, ZF North America, Inc.

3:40pm
Automated Mobility: How we Attack the Data, Safety and Security Challenge
Fabian Koark, CEO North America, INVENSITY, Inc.

3:55pm
Energy Efficient Automotive Parts
Arnd Herwig, Vice President Engineering, Brose North America, Inc.

4:10pm
Overview of MSU Research
Dr. Peter Savolainen, Foundation Professor, College of Engineering, Department of Civil and Environmental Engineering, Michigan State University

4:30pm
Panel Discussion and Q&A
Moderation: Mark Wilson, Professor and Program Director, Urban & Regional Planning, School of Planning, Design and Construction, Michigan State University

5:00pm
Networking Reception

5:30pm
End of the Program - Optional tour of the NSCL FRIB for company participants

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