

# Keynote Addresses

Date: Tuesday, November 17

Time: 9:30 to 10:30

Place: Conference Hall, 12F

## Speech Theme



**Mr. Yuji Horiuchi**

General Manager, Research &  
Development Division  
Motorcycle & Engine Company  
Kawasaki Heavy Industries, Ltd.



## Motorcycle, Working as One for the Good of the Planet

Mr. Yuji Horiuchi, since the beginning of his professional career, has dedicated his efforts and energy to development of Kawasaki's motorcycles and other products. Some of the featured big machines of Kawasaki have been brought about through his hard work. Besides being a talented engineer, he is also a motorcycle enthusiast and still enjoys riding a motorcycle.

- 1985 - 1996 Engineer  
Engine design for motorcycles and personal water crafts
- 1996 - 2001 Assistant Manager (Engine design for motorcycles)
- 2001 - 2006 Manager (ditto)
- 2006 - 2012 Senior Manager: Motorcycle design, Administration and others divisions
- 2013 - 2014 President, India Kawasaki Motors Pvt. Ltd.
- 2014 - General Manager, Research & Development Division

## Speech Theme



**Dr. Robert M. Wagner**

The Director of the Fuels, Engines,  
and Emissions Research Center  
Oak Ridge National Laboratory



## Disruptive Opportunities for Small Engine Combustion Systems

Dr. Robert Wagner is the Director of the Fuels, Engines, and Emissions Research Center at Oak Ridge National Laboratory; a faculty member of the Bredesen Center for Interdisciplinary Research and Graduate Education at the University of Tennessee, Knoxville; and a Fellow of the Society of Automotive Engineers (SAE) International. His responsibilities include the coordination and development of strategic internal and external collaborations at ORNL to better support the mission of the United States Department of Energy (DOE) Vehicle Technologies Office. Dr. Wagner has been principal investigator on many research activities spanning low temperature combustion, unstable combustion fundamentals, nonlinear controls, thermodynamics, renewable fuels, and emissions characterization. This includes the integration of ORNL expertise in high performance computing, neutron sciences, material sciences, and advanced manufacturing to accelerate the development of advanced transportation technologies. Dr. Wagner is on the editorial board of four international journals and has authored more than 100 technical publications.

