

Consortium Meetings

Road Mapping Workshop

Date: November 12, 13,14

Location: Spindletop Hall, Lexington, Kentucky

Purpose:

The ultimate goal is to develop a dynamic alliance of industry, academia, and government that will define needs and opportunities, establish the business value and prioritize the needs, and create a dynamic, collaborative research and development consortium that will deliver monetized and measureable value to U.S. industry

Attendance Policy:

By invitation

Automotive Segment Workshop

Date: Spring 2015

Location: TBD

Purpose: Establish several industry-led research projects aiming at accelerated economic growth, and environmental and societal benefits.

Attendance Policy:

By invitation

PRISM

A New Consortium Dedicated to Sustainable Manufacturing

PRISM is the Partnership for Research and Innovation in Sustainable Manufacturing (PRISM). It is an emerging alliance of industry, government, and academia with the goal of defining and executing a pragmatic, business driven, agenda for achieving and maintaining sustainable manufacturing. PRISM is funded, in the first phase, by the National Institute of Standard and Technology (NIST) Advanced Manufacturing Technology Consortia (AMtech) program.

Sustainable Manufacturing

Sustainable manufacturing can be defined as *an integrated approach that addresses reduced negative environmental impact, improved energy and resource efficiency, minimized wastes, and assures operational safety and personal health while maintaining and/or improving the product and process quality.*

PRISM will explore sustainable manufacturing via three perspectives: products, processes and systems.

Opportunity for Engagement!

You are invited to a workshop at the University of Kentucky's Spindletop Hall in Lexington, KY on November 12-14, 2014. The activities will start with dinner at 6:30 PM on November 12 and will end at 2:00 PM on November 14. Participants are requested to stay for the entire session since the closing activity will be the prioritization of opportunities and discussion of potential partnerships. The workshop will address the product, process, and systems perspectives of sustainable manufacturing, and their integration, in a combination of large and small group sessions. Workshop attendance will be limited to 60 participants and will be carefully structured to include a strong industry voice along with government and academia.

PRISM Scope

There have been many activities and workshops focused on sustainable manufacturing, and progress is being made. However, it can be argued that progress is limited by the lack of an integrated, systems driven, business-based approach. We seek to discriminate PRISM by placing its planning and activities in that integrated systems-based environment. This means that sustainability issues will take a rightful place with cost, performance, and schedule in innovation, product and process design and development, and product operation and support.



Workshop Outcome

Within a few weeks of the workshop, a technology roadmap that includes a priority R&D agenda will be delivered to all attendees. This roadmap will serve as feedstock for sector specific workshops that will be conducted in 2015. The end result will be a dynamic PRISM program in which critical need areas are addressed in a collaborative activity – delivering solutions for American Industry.

To Learn More

To learn how you can apply for an invitation to the workshop, or recommend others for invitation, please contact Ms. Heather-Michele Adkins at heathermichele@uky.edu or, by phone: 1-859-323-3247.