Advanced Manufacturing

Gaining the Advantage in a Fiercely Competitive Global Economy

CONGRESSIONAL BRIEFING
Thursday, February 11, 2016
B339-340 RHOB
12PM – 1:30PM

Please Join Us! >> SPONSORED BY: ASME

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Convened in Conjunction with the "Manufacturing Caucus," U.S. House of Representatives

B339-340 RHOB

Lunch will be provided. There is no fee to attend this widely attended public event.
To confirm your attendance, please RSVP at the following link:
https://fs19.formsite.com/rsvp2/form49/index.html?1451577803801

Welcome and Moderator

Dr. Thomas Gardner, P.E., Chief Technology Officer, Jacobs Mission Solutions and Member, ASME
Honorable Tom Reed, Member of Congress, House Manufacturing Caucus Co-Chair, R-NY
Honorable Tim Ryan, Member of Congress, House Manufacturing Caucus Co-Chair, D-OH

Speakers

Michael F. Molnar, Director, Advanced Manufacturing National Program Office, National Institute of Standards and Technology, U.S. Department of Commerce

Adele Ratcliff, Director, Manufacturing Technology, Office of the Deputy Assistant Secretary of Defense for Manufacturing and Industrial Base Policy, U.S. Department of Defense (Invited)

Dr. Mark Johnson, Director, Advanced Manufacturing Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Dr. Pramod P. Khargonekar, Assistant Director, Directorate of Engineering, National Science Foundation

Over the past five years, U.S. manufacturers have added an average of nearly 15,000 new jobs every month, and exports have grown at an average annual rate of 10 percent—or more than three times faster than the average for the preceding decade. And now, the US industry and the federal government are taking deliberate strides to seize and maintain an innovation advantage in the fiercely competitive global economy.

Congress passed the bipartisan Revitalize American Manufacturing and Innovation (RAMI) Act in the Omnibus bill in December 2014. RAMI established the National Network for Manufacturing Innovation (NNMI), assembling the diverse competitive assets—universities and government labs that excel at basic science and technology research, top-flight original equipment manufacturers, capable suppliers, enterprising start-ups, and a new generation of workers ready to master the skills and knowledge needed for next-generation manufacturing are engaged—necessary for the U.S. to stay at the head of pack in the global race to innovate and to make. Each institute provides a shared-use facility for workforce training for veterans, students, and others.

There's an exciting opportunity for the United States to develop new, more advanced manufacturing technologies, but there's no time to waste. China, Korea, Germany, Taiwan, and other nations intent on building innovation-driven economies already have mounted major programs and the supporting infrastructure to sustain long-term collaborations—the kind required to speed research breakthroughs into proofs of concept, then prototypes, and, ultimately, manufacturable products and related services.

Join our panelists to learn about Advanced Manufacturing and the innovation institutes that will comprise an integrated, nationwide network that coordinates and leverages their individual and collective strengths.

This is a widely attended public event.