



**ADVANCED MANUFACTURING & SUPPLY CHAIN INNOVATION
NUCLEAR ENERGY LEADERSHIP SUMMIT AND SHOWCASE**

October 3-4, 2017 | Idaho Falls, ID

Advanced Manufacturing & Supply Chain Summit & Showcase

Under the auspices of

The U.S. Nuclear Infrastructure Council

and in conjunction with the

Idaho National Laboratory

Agenda

Summit Co-Sponsors

Centrus Energy

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Monday, October 2

5:30 pm **Welcome Reception** - INL Meeting Center (South end of the Energy Innovation Laboratory, 775 University Boulevard, Idaho Falls, ID, 83415)

Tuesday, October 3

7:30 am **Registration & Coffee**

8:00 am **Welcome & Overview**

Mr. David Blee
Executive Director
U.S. Nuclear Infrastructure Council

Ms. Amy Lientz
Director - Partnerships, Engagement and Technology Deployment
Idaho National Laboratories

Hon. Rebecca Casper
Mayor of Idaho Falls

8:15 am **Department of Energy Perspective**

Ms. Suzanne Jaworowski
Chief of Staff
DOE Office of Nuclear Energy

8:45 am **Industry Keynote:**
The New U.S. Center for Advanced Nuclear Manufacturing

Mr. Edward J. Sheehan, Jr.
President and Chief Executive Officer
Concurrent Technologies Corporation &
Center for Advanced Nuclear Manufacturing

9:15 am **The U.S. and Global Nuclear Energy Market Landscape**

Mr. Walter Howes
Managing Director
Vedigris Capital

10:00 am **Break**

10:15 **Keynote: Innovate and Prosper**

Mr. Llewellyn King
Publisher Emeritus - The Energy Daily &
Executive Producer - White House Chronicle on PBS

10:45 am **Key Technology Developer Challenges and Opportunities**

Mr. Scott Bailey
Vice President, Supply Chain
Nuscale Power

Mr. Fran Bolger
Manager, New Product Introduction
GE Hitachi Nuclear Energy

Mr. Robin Rickman
Vice President Business Development
Terrestrial Energy

12:00 pm **Lunch**

1:00 pm **Special INL SMR Update**

Dr. George Griffith
Small Modular Reactor Deployment Manager
Idaho National Laboratory

Dr. Tammie Borders
Research Scientist and Industry Coordination
Idaho National Laboratory

1:30 pm **Idaho National Laboratory Perspective**

Dr. Mark Peters
Laboratory Director
Idaho National Laboratory

2:00 pm **Key Supplier Challenges and Opportunities**

Mr. Clint Armstrong
Advanced Manufacturing & Materials Subject Matter Expert
Westinghouse Electric Company

Mr. Brad Dunkin
Nuclear Lead, Vigor
&
Principal, Advanced Manufacturing Solutions

Mr. Patrick Heflin
Adjunct Product Line Manager
Holtec International

Mr. Eric Klotzbach
Nuclear Sales Engineer
Energy Steel

3:15 pm **Break**

3:30 pm Government & National Laboratory Initiatives I

Mr. Tom Miller

Director, Office of Nuclear Reactor Technologies
U.S. Department of Energy

Dr. John Jackson

GAIN Technical Interface
Idaho National Laboratory

Dr. Hussein Khalil

Director, Nuclear Energy and Security Program
Distinguished Fellow
Argonne National Laboratory

4:30 pm Government & National Laboratory Initiatives II

Dr. Corey McDaniel

Vice President, Business Development & Commercial Ventures
Canadian Nuclear Laboratories

Dr. Rory Kennedy

Director
The Nuclear Science User Facilities

**5:30 pm – Networking Reception
7:00 pm**

Wednesday, October 4

8:00 am Overarching Issues I

Transformative Technologies in Advanced Manufacturing

Dr. Isabella Van Rooyen

Distinguished Staff Scientist & Principal Investigator - Next-Generation
Nuclear Fuel
Idaho National Laboratory

Dr. Robert O'Brien

Advanced Fuel Fabrication Group Lead
Idaho National Laboratory

Additive Manufacturing on Nuclear Components & Fuels

Mr. Greg Hersak, P.Eng

Manager, Mechanical Equipment Development
Canadian Nuclear Laboratories

Meeting Future Energy System Demands

Dr. Shannon Bragg-Sitton

Deputy National Technical Director, DOE Advanced Fuels Campaign
Lead, Nuclear Renewable Hybrid Energy Systems
Manager, Systems Integration Department
Idaho National Laboratory

9:30 am Advanced Fuel Development Initiatives

Mr. Harlan Bowers

President
X-energy

Mr. Michael Whitehurst

Director Business Development
Centrus Energy Corp.

10:15 am Break

10:30 am Overarching Issues II

Cyber Security for Direct Digital Manufacturing

Mr. Scott Zimmerman

Principal Cybersecurity Engineer
Concurrent Technologies Corporation

Building a Regional Supply Chain Cluster & Factory Assembly of SMRs

Mr. Vincent Gilbert

Senior Fellow
USNIC

Workforce Development

Ms. Amy Lientz

Director - Partnerships, Engagement and Technology Deployment
Idaho National Laboratory

Inculcating Quality Processes

Mr. Donald Hoffman

President and CEO
EXCEL Services Corporation

12:00 pm Closing Charge

Mr David Blee

Executive Director
U.S. Nuclear Infrastructure Council

Adjourn

Wednesday Oct. 4

1:00 pm – DOE AMM Workshop

5:00 pm Immediately following the Advanced Manufacturing and Supply Chain Innovation Leadership Summit, USDOE's Office of Nuclear Energy will hold its annual review of the current projects that are part of its Advanced Methods for Manufacturing program. The DOE workshop will run from Wednesday afternoon, October 4, into the afternoon of Thursday, October 5. It also is being held at the Shiloh Inn Conference Center, the same venue as the Summit. During the DOE AMM workshop, more than a dozen principal investigators will review the status of their research and discuss the relevance of their findings to advanced manufacturing. Their presentations will cover advancements in:

- Welding and Joining Technologies
- Additive Manufacturing
- Modular Fabrication
- Concrete Materials and Rebar Innovations
- Data Configuration Management
- Surface Modifications and Cladding Processes

Thursday, Oct. 5

8:00 am – DOE AMM Workshop

early afternoon Please note that registration for the AMM Annual Program Review Workshop is separate from registration in the Advanced Manufacturing and Supply Chain Innovation Leadership Summit. For more information such as the full agenda and registration for the DOE-NE Advanced Methods for Manufacturing workshop, please click on the link below.

[DOE-NE Advanced Methods in Manufacturing Annual Program Review Registration](#)