SMART MANUFACTURING
2019 EU-US FRONTIERS OF ENGINEERING SYMPOSIUM

SESSION CHAIRS
DR. CORIE L. COBB, UNIVERSITY OF WASHINGTON
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WHAT IS SMART MANUFACTURING?

• Over the last few years, the concept of Smart Manufacturing has been a topic of great importance and discussed more widely in the news.

• Despite this recent coverage, many in the field differ in their thoughts on what Smart Manufacturing entails.

• Through this session, we will add clarification to the diverse work in this field and highlight leading edge industrial and research challenges.
COMPONENTS OF SMART MANUFACTURING

Real-time data and technology

Smart Manufacturing encompasses fully-integrated and collaborative manufacturing systems that are designed to respond in real-time to rapidly changing factory, supply and customer needs.
SESSION SPEAKERS

TODAY
Alicia Droege
Providing Digital Information in the Glazing Business: Challenges and Possibilities

Hadas Kress-Gazit
Correct-by-construction Synthesis for Smart Manufacturing

TOMORROW
Manyalibo (Ibo) Matthews
Achieving “Just Press Print” for Metal Additive Manufacturing

Melanie Zeilinger
Smart Control – Learning for Safe and High-Performance Control Systems