



SMART MANUFACTURING

2019 EU-US FRONTIERS OF ENGINEERING SYMPOSIUM

SESSION CHAIRS

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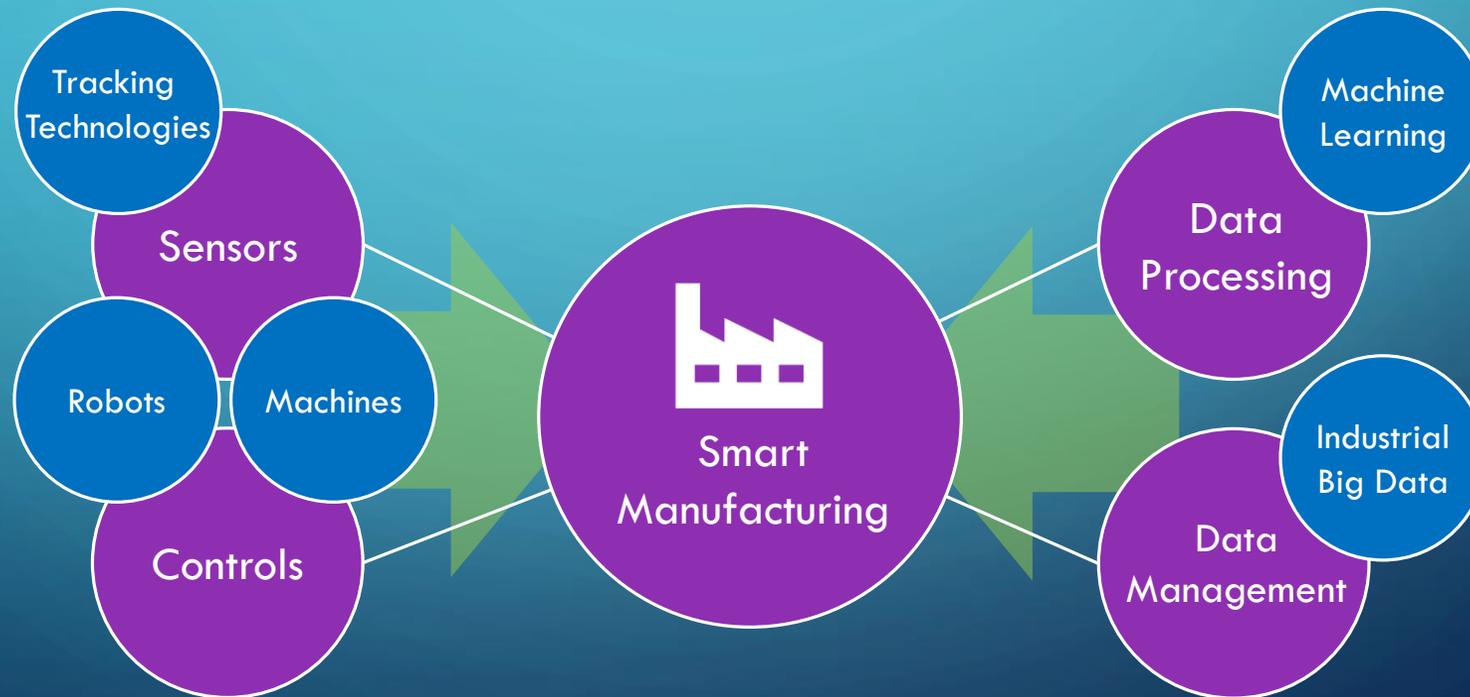
WHAT IS SMART MANUFACTURING?

- 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