SCHOOL OF MECHANICAL & MATERIALS ENGINEERING

GRADUATE SEMINAR SERIES

Boeing Additive Manufacturing

Presented by

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Additive Manufacturing, Commercial Airplanes, The Boeing Company

Abstract

Additive Manufacturing (AM), also known as 3D printing, is fueling a worldwide manufacturing revolution. AM comprises new production technologies that are radically, rapidly and pervasively changing a wide range of manufacturing industries and at the same time boosting innovation, creativity, and economic growth. Boeing has been a leader in industry when it comes to AM, and has been involved in AM since 1997. This presentation will talk about the Additive Manufacturing technology in building commercial airplanes as well as the benefits of using this new technology.

Biography

As the Additive Manufacturing Chief Engineer for Boeing, Mr. Miyamoto leads the engineering effort across the Commercial Airplanes business unit to enable Additive Manufacturing Technology to be used on Boeing Commercial Aircraft, and to drive the implementation on commercial programs. He is a graduate of WSU's Masters of Engineering Management program and holds a Bachelor of Science degree in Mechanical Engineering from the University of Washington. He is an Executive Sponsor for the Boeing Asian Professional Association in Puget Sound as well as a Boeing Executive Champion for the Society of Asian Scientists and Engineers. In 2005 he was a recipient of the Boeing Global Diversity Change Agent Award, and the 2016 SASE Executive of the Year. He is an Advisory Board member for the WSU School of MME.

Thursday, September 27, 2018
11:00am to Noon
ETRL room 101

Meet the speaker before the seminar in ETRL room 119, 10:30am to 10:50am. Light refreshments will be served.

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The complete schedule of the MME Seminar Series can be found at https://mme.wsu.edu/events/.