

MBSE Initiative invites **You** to the



32nd Annual **INCOSE**
international symposium

hybrid event

Detroit, MI, USA
June 25 - 30, 2022

MBSE Initiative Program Highlights

Saturday and Sunday, June 25, 26

All Day

Systems Engineering Tutorials and Panels:

Various Tutorials and board meetings occurring throughout the day

Monday, June 27

10:00-10:40

From Model-based to Model and Simulation-based Systems Architectures - achieving quality engineering through descriptive and analytical models

Pierre Nowodzienski, Juan Navas

10:45-11:25

From System Architecting to System Design and Optimization: A Link Between MBSE and MDAO

Jasper Bussemaker, Luca Boggero, Pier Davide Ciampa

13:30-14:55

Transdisciplinary Systems Engineering: What is it, why do we need it, and how do we get there from here?

David Rousseau, Azad Madni, Peter Brook, Michael Pennotti, Hillary Sillitto

16:15-16:55

Defining a Measurement Framework for Digital Engineering

Joseph Bradley, Thomas McDermott

Tuesday, June 28

10:45-11:25

Model-Based Analysis of Standard Operating Procedures' Role in Abnormal and Emergency Events

Jomana Bashatah, Lance Sherry

13:30-14:10

Think Globally, Act Locally: Adapting MBSE for the Enterprise Context

Ryan Noguchi, James Martin

15:30-16:55

MBSE Lightning Round: MBSE Implementation progress reports from the field

Mark Sampson, Robert Halligan, Elise Higgins, Emilee Bovre

Livestreamed

For more information contact MBSE Working Group Co-chairs:

Sampson, Mark, mark.sampson@siemens.com - Troy Peterson, Troy.Peterson@incose.net

Program subject to change - please check the symposium website (www.incose.org/symp2022) for any updates.

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Wednesday, June 29

- 10:00-10:40 **Digital Engineering Environments: A Digital Engineering Perspective**
Victor Samuel Rodriguez, Brandi Gerstner, Jimmy La, Calvin Montgomery, Jonathan Oberland, Jorge Pena
- 10:45-11:25 **ISO/IEC/IEEE 24641 MBSSE standard**
Lalitha Abhaya, Robert Malone, Eric Gauthier
- 15:30-16:10 **Digital Transformation in Acquisition: Using Modeling and Simulation to Advance the State of Practice**
Livestreamed
Nicole Hutchison, Hoong Yan See Tao, Mark Blackburn, Dinesh Verma, Peter Beling, Paul Wach, Tim Sherburne, Craig Arndt, Camryn Burley

Thursday, June 30

- 11:30-12:10 **Integration: More Than Interface Management**
James Armstrong

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