Digital Engineering Conference

April 25 – 26, 2023

Attire: Business casual

Host:	Michelle Goff	R4
Protocol Officer:	Amanda Lee	Date agenda revised: 03/29/2023

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April 25

Idaho National Laboratory, Idaho Falls, Idaho
775 MK Simpson Blvd, Idaho Falls, ID 83401

07:30 Registration and badging ....

08:30 Welcome and announcements...Christopher Ritter
DICE Director, Idaho National Laboratory

09:00 Opening keynote .... Daniel Hettema
Director of Digital Engineering, Department of Defense

10:00 Break

10:30 Breakout sessions...

Session topics

Digital twin part one	Jeren Browning, Idaho National Laboratory
Model-based design	Mark White, Los Alamos National Laboratory
Instrumentation and control systems	Rick Vilim, Argonne National Laboratory

12:00 Lunch

01:00 Special digital twin live demonstration...

01:30 Breakout sessions...

Session topics

Digital Thread	Chad Rowan, National Energy Technology National Laboratory
Model-based system engineering	Peter Suyderhoud, Idaho National Laboratory
Explainable AI	Michael Churchill, Princeton Plasma Physics Laboratory

03:30 Break

04:00 Afternoon keynote .... Tracee Gilbert
Founder and CEO, System Innovation

05:00 Close

06:30 - 08:30   Welcome reception and dinner at Hilton Garden Inn
700 Lindsay Blvd, Idaho Falls, ID 83402

April 26

07:30   Arrival and seating ....

08:00   Morning keynote.. John Wagner
Laboratory Director, Idaho National Laboratory

09:00   Breakout sessions..

Session topics

Decision science and visualization	Damon Hartley, Idaho National Laboratory
Modeling and simulation	Cody Permann, Idaho National Laboratory
AI/ML autonomy	Jason St. John, Fermi National Accelerator Laboratory
Model-based design with federal partners	Casey Noll, Sandia National Laboratories

10:30   Break

11:00   Mid-day keynote...Michael Goff
Principal Deputy Assistant Secretary, Department of Energy - Nuclear Energy

12:00   Lunch

01:00   Breakout sessions..

Session topics

Digital twin part two	Jeren Browning, Idaho National Laboratory
Culture and practice	Kelly Rose, National Energy Technology Laboratory
Model-based design with federal partners	Casey Noll, Sandia National Laboratories
AI/ML Applications	Shad Staples, Idaho National Laboratory

2:30   Break

03:00   Closing keynote... Joe Miller
President, BWXT Advanced Technologies

4:00   Close out discussion

April 27