

Industry – Modeling & Sim Engineer

Experienced

Methodical

Technical

Interest Level

Motivation to Attend

1. Learn about modeling and simulation technology to bring best practices back to their organization
2. Understand emerging M&S technology trends
3. Evaluate technology from show floor vendors

Workshops

Special Events

Tutorials

Technical Papers

- Experience: 5-10 yrs
- Role: Technical
- Direct Reports: 1-5

“I want to see technical content related to developing modeling and simulation tools.”

Common Tools



Biography

Michaela Bryant is an experienced modeling and simulation engineer. She has experience using different simulation tools and messaging protocols. The space changes rapidly and she is interested in technical content to ensure she keeps pace with changing best practices.

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Title	Day	Time	Location	Event Type
Simulation Conceptual Modeling Theory and Use Cases	Monday	0830 -1000	320C	Tutorial
Congressional Modeling and Simulation Caucus		1030 – 1200	330ABCD	Special Event
Certified Modeling and Simulation Professional (CMSP) 3.0		1430 – 1600	310AB	Special Event
Senior Leader Panel	Tuesday	1030 – 1200	Hyatt Windermere	Special Event
Exhibit Hall Tour (Immersive Displays, M&S tools, & training analytics)		1200 – 1400	Exhibit Hall	
COMBAT-711: A Tool for Integrating Human Factors into Wargames		1400 – 1430	320B	Paper
MetaPOL: A Digital Twin for Human Patterns of Life in Indoor Secure Facilities		1430 – 1500	320B	Paper
Behavior Envelopes for Defining Performance Metrics in Complex Scenarios		1500 – 1530	320B	Paper
Requirements for Simulation of the Future Operating Environment and Multi-Domain Operations		1600 – 1630	320D	Paper
The Potential of LVC for Creating Air Power – Beyond Adversaries		1700 – 1730	320D	Paper
Data & Cyber Considerations to M&S		830 – 1000	330GH	Special Event
Exhibit Hall Tour (Immersive Displays, M&S tools, & training analytics)	Wednesday	1100 – 1200	Exhibit Hall	
Women in Modeling and Simulation		1330 – 1500	330GH	Special Event
The Future of XR-Based, AI-Driven Simulation Technologies: What Effective Human Focused Systems Will Look Like Beyond the Next 5 Years	Thursday	0830 – 1000	Destination Lounge	Special Event
Development and Testing of Extended Reality Input Modalities for a Virtual Learning/Training Task		1030 – 1100	320C	Paper
Beyond the Basics – An Interactive “Deep Dive” into Vehicle Modeling & Simulation (M&S) Fundamentals	Friday	0800 – 1200	331D	PDW