



2024 Simulation Innovation Workshop (SIW)
February 26 – March 1, 2024
Florida Hotel & Conference Center, Orlando, FL
Call for Papers & Presentations

The Simulation Interoperability Standards Organization (SISO) invites you to participate in the 2023 Simulation Innovation Workshop (SIW), to be held **February 26 to March 1, 2024**, at the Florida Hotel & Conference Center in Orlando, Florida.

We cordially invite you to submit an abstract centered on Modeling & Simulation (M&S), M&S standards, or a supporting concept or capability that impacts or enhances the development and use of M&S. You may submit an abstract for a "Presentation Only" (no paper required) or for a "Presentation and Paper." ***Presentations with an accompanying paper will be given preference.***

Workshop Format

For the 2024 SIW, SISO will follow a format of allotting 30 minutes – for presentation and discussion – for each paper or presentation. SISO invites papers and presentations that address a question, or set of questions, that need to be raised; clarifies an existing problem; proposes a solution or capability that solves a problem; or discusses an ongoing (or concluded) research effort or project highlighting methods/approaches, results/outcomes, and lessons learned.

SISO encourages presenters and attendees to discuss and debate in the interactive presentation sessions - to encourage innovation, collaboration, and the development of new simulation standards.

The 2024 SIW will be organized around three topic areas ("tracks"):

- Modeling & Simulation Specialty Topics (SPEC)
- System Lifecycle and Technologies (SLT)
- Services, Processes, Tools and Data (SVCS)

Topics of Interest

Abstracts are encouraged that address the full range of M&S topic areas including the following:

- Use and application of SISO Standards (Acquisition, Execution, etc.)
- Cloud-based Simulation
- Simulation as a Service
- Innovative Training Simulation Applications (LVC, Gaming, AR/VR, etc.)
- Non-Defense M&S Applications (C2, Humanitarian Support, Healthcare, Emergency Response, etc.)
- M&S in the Space domain
- Artificial Intelligence / Machine Learning in M&S Environments
- Addressing the Challenges of Unmanned/Autonomous Systems through M&S
- M&S Environments for Agile Development / Rapid Prototyping
- Model-Based Systems Engineering (MBSE) / Digital Engineering Applications
- Modeling Humans (Medical, Behavioral, etc.)
- Cyber Representations and Cyber Physical System Simulation
- Reuse of M&S Assets (Repositories, Metadata, Composability, Transformation, etc.)
- Transforming Legacy Systems/Software
- Verification, Validation and Accreditation

Submission Instructions – Abstracts, Presentations, and Papers

Please submit your **abstract** via the 2024 SIW website, which can be accessed via:

https://www.sisostandards.org/events/event_list.asp

Each submitted abstract will be evaluated to ensure proper fit for the workshop, and abstracts will be assigned to the appropriate track by the SIW Planning and Review Panels. When submitting your abstract, you will be asked if you plan to submit a “presentation only” or a “presentation and paper.”

Details regarding presentation and paper format will be posted on the 2024 SIW website:

https://www.sisostandards.org/events/event_list.asp

Key Dates

SISO will review submitted abstracts and send notification of their acceptance in the order they are received. If you require early approval, please submit your abstract at your earliest convenience.

Please contact Patrick Rowe at prowe@sisostds.org with any questions.

17 November – 19 January	Abstract Acceptance/Rejection notifications sent on a weekly basis.
19 January	Final Abstract Submission Deadline
16 February	Papers and Presentations Due
26 February – 1 March	2024 Simulation Innovation Workshop (SIW)

About SISO

SISO is an international organization dedicated to the promotion of modeling and simulation interoperability and reuse for the benefit of a broad range of M&S communities including developers, procurers, and users world-wide.

The SISO community has been fostering innovation and interoperability since the 1990s. The technology landscape today provides even greater opportunities for innovative applications of Modeling & Simulation, and for the development of new M&S standards. SISO’s SIW workshops provide a unique opportunity to connect with other professionals and Subject Matter Experts, and to collaborate on cutting-edge ideas and innovative developments in simulation.

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