

DSM 2025 – Call For Contribution!

Integrating systems across multiple domains

27th International DSM Conference

Hoboken, NJ, USA | September 24-26, 2025

Dependency and Structure Modeling (DSM) techniques support the management of complexity by focusing attention on the elements of a complex system and how they relate to each other. DSMbased methods have proven to be very valuable in understanding, designing, and optimizing complex system architectures such as those of products, organizations, and processes.

The International DSM Conference provides a platform for researchers, practitioners, and developers of dependency modeling methods and tools to exchange experiences, discuss trends, and showcase results. The program consists of:

- Tutorials and workshops (DSM methods, industry sprint, software vendors, etc.)
- Keynote speeches
- Presentations of accepted research papers and abstracts
- Industry presentations

DSM 2025 will be held as an onsite conference in Hoboken, NJ, USA on September 24-26, 2025 at Stevens Institute of Technology. DSM 2025 includes three submission tracks:

Track 1: **Full Papers (with doi)**

Track 2: **Extended Abstracts**

Track 3: **Industry Presentations**

Scopus!

Full Papers of 6-10 pages can be submitted for double-blinded review until May 1st, 2025. If you are at an early stage of your research work or working on industry projects, you can submit your work as a published Extended Abstract of 3-4 pages to undergo a separate selection and publication process until August 1st, 2025.

If you are from industry, you can present your latest insights in the Industry Presentation track. Submit a short abstract by August 15th, 2025, which will be reviewed by the Industry Committee.

DSM 2025 invites papers and presentations on DSM research and applications in (but not limited to) the following areas:

- Agile Development Methods
- Complex Design Network Theory
- Complexity Management
- Data Analytics and Machine Learning
- Data-Driven Design
- DSM Data Collection and Model Generation
- DSM Methods and Tools
- Industrial and Manufacturing Engineering

- Operations Management
- Platform/Variant Management
- Product Architecture and Modularity
- Program/Project Management
- Quantitative Dependency Analysis
- Supply Chain Management
- Sustainable Development Goals (SDGs)
- Systems Engineering & MBSE

DSM2025 is run by the International DSM Community in cooperation with Stevens Institute of Technology, University of Stuttgart, Texas Christian University (TCU), and Massachusetts Institute of Technology (MIT). It is an endorsed event by the Design Society.

For more information, including templates for papers, please visit: dsm-conference.org.

Yours sincerely, the DSM 2025 Organizing Committee:

Prof. Ali Yassine, Stevens Institute of Technology Prof. Matthias Kreimeyer, University of Stuttgart Christopher Langner, University of Stuttgart

Prof. Steven Eppinger, Massachusetts Institute of Technology Prof. Tyson Browning, Texas Christian University Harold (Mike) Stowe, the P5DC









