



# DSM 2024 – Call For Contribution

26<sup>th</sup> International DSM Conference

Stuttgart, Germany | September 24-26, 2024

Dependency and Structure Modeling or Design Structure Matrix (DSM) techniques support the management of complexity by focusing attention on the elements of a system and their relation. DSM-based 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 tools to exchange experiences, discuss trends, and showcase results.

**DSM 2024** will be held as an onsite conference in Stuttgart, Germany on **September 24-26, 2024**. It will be **partnered with the Advanced Systems Engineering (ASE) Summit** giving the opportunity to exchange across communities.

## **SUBMISSION TRACK EXTENDED ABSTRACTS:**

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 selection and publication process until **August 1st, 2024**. A template can be found on the website.

## **SUBMISSION TRACK INDUSTRY PRESENTATIONS:**

Interested **industry speakers** are invited to submit an **abstract (300 – 500 words)** illustrating the application of DSM and related techniques in industrial settings by **August 15th, 2024**. The speakers will be selected by an industry committee according to the relevance of their presentation proposal to the conference.

DSM 2024 invites submissions on topics 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
- Product Architecture and Modularity
- Program/Project Management
- Quantitative Dependency Analysis
- Supply Chain Management
- Sustainable Development Goals (SDGs)
- **Systems Engineering & MBSE**
- Variant Management

DSM 2024 is run by the International DSM Community in cooperation with University of Stuttgart, Fraunhofer Institute for Industrial Engineering, Texas Christian University (TCU), and Massachusetts Institute of Technology (MIT). It is an endorsed event by the Design Society.

For more information, including conference registration, please visit: [dsm-conference.org](https://dsm-conference.org).

Yours sincerely, the DSM 2024 Organizing Committee:

*Prof. Matthias Kreimeyer, University of Stuttgart*

*Prof. Oliver Riedel, Fraunhofer Institute for Industrial Engineering*

*Christopher Langner, University of Stuttgart*

*Hendrik von Linde, Fraunhofer Institute for Industrial Engineering*

*Prof. Steven Eppinger, Massachusetts Institute of Technology*

*Prof. Tyson Browning, Texas Christian University*

*Harold (Mike) Stowe, theP5DC*

*Prof. Ali Yassine, Stevens Institute of Technology*