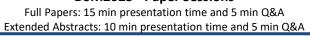
DSM2025 - Agenda

All breaks will be held in UCC, Lower Level Pre-function Space
All sessions will take place in UCC Tech Flex Auditorium

All sessions will take place in UCC Tech Flex Auditorium				
	Wednesday September 24	Thursday September 25	Friday September 26	STEVENS
8:30 AM		Registration		8:30 AM
9:00 AM	Interactive DSM	Keynote	Keynote	9:00 AM
	Experience Part 1 T. Browning	Presentation T. McDermott	Presentation A. Farid	9:30 AM
9:45 AM	Registration & Coffee Break	Introduction to Industry Sprint Workshop	Extended Abstract Session	
10:00 AM	Interactive DSM	Task (ISW)	Chair: T. Browning	10:00 AM
	Experience Part 2 T. Browning	Coffee Break	Coffee Break	
10:45 AM	Registration &		F. II D f i A	10:45 AM
	Coffee Break		Full Paper Session 4 - Applied DSM in	
11:15 AM	Welcome Remarks A. Yassine	Parallel Industry Sprint Workshop Sessions 1	Practice - Chair: T. Browning	
11:45 AM				11:45 AM
	Keynote Presentation G. Thurston		Coffee Break	
40:00 PM			Industry Insight 3 F. Waldman	
12:30 PM		Lunch Break		
	Lunch Break		Full Paper Session 5	12:45 PM
			- Sustainability - Chair: A. Yassine	
1:30 PM		Parallel Industry Sprint Workshop	Closing Session A. Yassine	1:30 PM
	Full Paper Session 1	Sessions 2		
	- Advances in Modeling			_
	Approaches -	Workshop closing		
2:45 PM	Chair: S. Eppinger	Selected Paper		
		Awards		
		Coffee Break		
3:15 PM	Coffee Break	Correct Break		
	Coffee Break	Full Paper Session 3		_
	Industry Insight 1	- Project Management and		
4:00 PM	F. Waldman	Organizational Design -		
		Chair: A. Yassine		
4:30 PM	†	Industry Insight 2		
	Full Paper Session 2 - Product	S. Bhaskara		
5:00 PM	Development and Architecture -	Day Closing		
	Chair: M. Kreimeyer	Day Globing		
5:30 PM		Change of Leasting		
5:45 PM	Day Closing	Change of Location to Dinner Event		_
6:00 PM				
7:00 PM	Reception	Conference Dinner		
		Sundancer Yacht		



DSM2025 - Paper Sessions





Full Paper Session 1 - Advances in Modeling Approaches September 24, 1:30 PM		
Paper Title	Presenting Author	
DSM Relational Structures Extended With Fuzzy Sets Of Higher Types	Paul, Satyam	
Factored Dependency Structure Matrix for Representation of Multi-Connection Systems	Roh, Heekun	
Utilizing DSM and SysML for Modeling Data Flows in Complex Networks – A Case Study on Autonomous Public Transportation	Langner, Christopher	
DSMs for Organization Design: Incorporating Additional Criteria in Clustering Algorithms	Solberg, Runar	
From Text to Structure: Extracting and Validating Complex System Representations Using Large Language Models	Lipizzi, Carlo	

Full Paper Session 2 - Product Development and Architecture September 24, 4:15 PM		
Paper Title	Presenting Author	
Holistic Model-Based Perspective on MedTech-Pharma Interfaces for New Combination Product Development	Menshenin, Yaroslav	
Two Sides of One Coin: Aligning Configuration System with Product Architecture for ETO Products	Zhao, Qingsong	
Formalizing Constraint-Based Configuration of Variant-Rich Products through Dependency Modeling using Multiple-Domain Matrices	Schmidt, Thorsten	
Methodology for Predictive Value Engineering in the Early Product Development Phases	Musa, Tarek	

Full Paper Session 3 - Project Management and Organizational Design September 25, 3:30 PM		
Paper Title	Presenting Author	
Enhancing Workflow Efficiency in Innovative Automotive Processes: A Structured Approach Using DMM and DSM Matrices	Grazzini, Daniele	
Managing Project Complexity Using a Matrixed-Based Approach	De Lessio, Mark	
Using DSM for Zoning of Tourism Flight Routes in Islands	Pourghadiri, Paniz	

Full Paper Session 4 - Applied DSM in Practice September 26, 10:45 AM		
Paper Title	Presenting Author	
Standardisation Of Field Hospital Development Through A DSM	Azzouni, Martin	
Application of Design Structure Matrix To Advance Train Control Systems Harmonization	Efemuai, Martins	
Vehicle Software Configuration Strategies for SDVs: A Comparative Analysis of On-Board and Off-Board Methods	Lindebauer, Yannick	

Full Paper Session 5 - Sustainability September 26, 12:45 PM		
Paper Title	Presenting Author	
Towards Sustainability Modelling with Attribute Dependency Graphs - A Case Study on Industrial Robots	Schröder, Philipp	
Product Structural Complexity and Sustainability Impact: A Design Structure Matrix Approach	Basereh Taramsari, Hossein	

Extended Abstracts Session September 26, 9:45 AM		
Paper Title	Presenting Author	
Cognitive Load Model In The Context Of Decision-making	Melnykova, Olena	
Retrieving Asymmetrical Indirect Links Through Large Language Models	Koh, Edwin	