



8 th International Stuttgart Ropedays Conference Schedule – Overview		
Time	Content	Location / Referent
Get-together at IFT – 20 May 2025		
Evening	Get together at IFT (early registration possible)	IFT
Conference Day 1 – 21 May 2025		
08:30 – 09:30	Registration / Welcome coffee	Maritim Hotel, Foyer
09:30 – 10:00	Greeting by Prof. Peter Middendorf / Opening Day 1 by Prof. Robert Schulz	Maritim Hotel, Saal Maritim
Session No. 1		
10:00 – 10:30	New approach to identify wire breakage location in cross-section of steel wire ropes	Masatoshi Ogata
10:30 – 11:00 Break at Maritim Hotel, Foyer		
Session No. 2		
11:00 – 11:30	Rope mesh as structural substitute for lightweight footbridge structures	Fabian Graber
11:30 – 12:00	Integration of the automated rope monitoring in information environment of industrial facilities	Dmitry Slesarev
12:00 – 13:30 Lunch at Maritim Hotel, Restaurant		
Session No. 3		
13:30 – 14:00	Challenges and Opportunities of Permanent Magnetic Testing with Automated Evaluation on Running Ropes	Ralf Eisinger
14:00 – 14:30	Effect of loading and twist configurations on packing density of ropes based on micro-CT insights	Oday Allan
14:30 – 15:00	Dynamic Climbing Rope Resilience: Advancements in Sharp Edge Resistance	Adriana Stöhr, Arno Reiter
15:00 – 15:30 Break at Maritim Hotel, Foyer		
Session No. 4		
15:30 – 16:00	Braided Endless Synthetic Structures from DYNEEMA	Dietrich Wienke
16:00 – 16:30	Cost-effective replacement of steel wire hoisting ropes: the Techlce heatresistant synthetic fibre rope	Bo Cornelissen
Evening program		
17:30	Meeting at the Maritim Hotel, walk over to IFT	Maritim Hotel, Foyer
17:45 – 19:30	Visit of the IFT laboratory	IFT
19:30 – 20:00	Meeting at the Maritim Hotel, Welcome Drink	Maritim Hotel, Foyer
20:00 – 23:00	Gala Dinner	Maritim Hotel, Saal Maritim



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Time	Content	Location / Referent
Conference Day 2 – 22 May 2025		
08:55 – 9:00	Greeting / Opening Day 2	Maritim Hotel, Saal Maritim
Session No. 5		
09:00 – 09:30	New Rotary Bending Test Machine for Rope Wires	Ulrich Briem
09:30 – 10:00	Influence of the positioning of plastic sheaves and steel sheaves on rope life and service life: Insights from extended bending fatigue analysis	Marco Elig
10:00 – 10:30	ISO 16625 – revised – a 9 year journey to create a standard for the proof of competence of a steel wire rope in crane applications	Judith Reinl
10:30 – 11:00 Break at Maritim Hotel, Foyer		
Session No. 6		
11:00 – 11:30	Renaissance of twisted fibre rope constructions for arts, architecture and ski-lifts	Konstantin Kühner
11:30 – 12:00	Reliability of fibre ropes in crane application	Piia Koskenjoki
12:00 – 13:30 Lunch at Maritim Hotel, Restaurant		
Session No. 7		
13:30 – 14:00	Fiber-reinforced steel wire ropes for applications in the high-performance sector	Stefan Hecht
14:00 – 14:30	Finite Element simulation for investigating the performance of standard and hybrid steel-carbon wire ropes	Andrea Meleddu
14:30 – 15:00 Break at Maritim Hotel, Foyer		
Session No. 8		
15:00 – 15:30	Impact of outside Plastic-Coated Ropes on Drum Stress in Multilayer Applications	Max Stök
15:30 – 16:00	From deformation behavior to fatigue life: A new way to predict the lifetime of wire ropes more precisely	Wendel Frick
16:00 – 16:30	AI technologies for rope manufacturing: optimisation of the wire drawing process	Andrea Meleddu
Closing		
16:30 – 16:40	Closing of the Conference	Maritim Hotel, Saal Maritim

Version from 15 May 2025

Disclaimer:

The conference team reserves the right to adjust or change the program if necessary and issues no guarantee.