



CONFERENCE DAY 1 – WEDNESDAY, SEPTEMBER 28

07:30–09:00		Registration	Maritim Hotel, Foyer
08:00–08:30		OIPEEC General Assembly	Maritim Hotel, Alte Reithalle
08:30–09:00		Break	Maritim Hotel, Foyer
09:00–09:45		Keynotes and Greetings	Maritim Hotel, Alte Reithalle
09:45–10:00		Bookstore Introduction	Maritim Hotel, Alte Reithalle
10:00–10:25	Session No.1 Methods and parameters for lifetime estimation of running ropes Chairman: Sven Winter	A new method for evaluating the service life of steel wire ropes of different wire strength	W. Frick
10:25–10:50		Comparison on the impact of reverse bending on the deterioration behaviour of two typical running ropes	S. Hecht
10:50–11:15		Prediction of steel wire rope fatigue life based on thermal measurements	D. Battini, L. Solazzi, A.M. Lezzi, F. Clerici, G. Donzella
11:15–11:40		Rope deformation as the cause of fatigue in running ropes	A. Frick, W. Frick, R. Schulz
11:40–12:05		Rope lifetime estimation for the Delta Escort Tug active constant tension winch	M.J. van Wezel, H.N. van den Heuvel
12:05–13:30 Lunch at Maritim Hotel, Restaurant			
13:30–13:55	Session No.2 Ropes and material characteristics Chairman: Jean Marc Teissier	Energy-absorption capability of wire ropes in safety applications	K. Kühner, R.B. Pahl, M. Seidl, A. Klavzar
13:55–14:20		Mechanical characteristic and slip behavior of main cable of long-span suspension bridge	D. Wang, B. Wang, H. Zhu
14:20–14:45		Steel wire ropes under transverse impact	G. Vasquez-Arribasplata
14:45–15:10		The effect of compression on the tenacity of high-performance fibers	H. Knoester, B. Cornelissen
15:10–15:40 Break at Maritim Hotel, Foyer			
15:40–16:05	Session No.3 Fibre rope application Chairman: Bill Putnam	Monolithic rope termination with integrated sensor system for high-modulus fiber ropes	B. Franck
16:05–16:30		Comparison of nylon and polyester mooring tails	E.W. Huntley, M.B. Huntley
16:30–16:55		Fibre ropes on tower cranes Rope design parameters and field experiences	B. Ernst, T. Herse, Y. Mupende
17:30		Meeting at the Maritim Hotel, to walk over to IFT	Maritim Hotel, Foyer
17:45–19:00		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, Alte Reithalle



CONFERENCE DAY 2 – THURSDAY, SEPTEMBER 29		
08:30–08:35		Opening/Welcome 2 nd day Maritim Hotel, Alte Reithalle
08:35–09:00	Session No. 4 Inside the rope Chairwoman: Laura Lombardi	Lubrication-related influences on the fretting wear of drawn wire C.J. Dyson, R.J. Chittenden, M. Priest, M. Fox, W.A. Hopkins, M.A. Cassidy
09:00–09:25		Fatigue behaviour of corroded rope wires U. Briem
09:25–09:50		Innovative braiding technologies for creating new braiding products D. Denninger, D. Behnken
09:50–10:15		Simulation supported design of braided ropes – state of the art and open tasks A-M. Schmidt, Y. Kyosev, D.B. Aychilie
10:15–10:45 Break at Maritim Hotel, Foyer		
10:45–11:10	Session No. 5 Testing and guidelines Chairman: Robert Schulz	Improving yarn-on-yarn abrasion test geometry for high modulus fibers F. Sloan, K. Ikehata
11:10–11:35		Cordage Institute fiber rope external abrasion test guideline J.F. Flory
11:35–12:00		New German guideline VDI 5020 for rope drive design M. Anders, U. Briem, G. Novak, G. Steinbach
12:00–13:30 Lunch at Maritim Hotel, Restaurant		
13:30–13:55	Session No. 6 Multi-layer spooling of wire ropes Chairman: Stéphane Pernot	Evaluation and monitoring the winding quality on multi-layer drums M. Schulze, A. Lohrengel
13:55–14:20		How an additional traction sheave reduces fatigue of wire ropes in multi-layer applications through controlling the spooling tension R. Hofmann, T. Schmidt
14:20–14:45		Lifetime and suitability for multi-layer spooling of running wire ropes with plastic coating M. Stök, T. Recknagel, M. Wächter, A. Lohrengel, T. Schmidt
14:45–15:15 Break at Maritim Hotel, Foyer		
15:15–15:40	Session No. 7 Non-destructive wire rope analysis Chairman: Pengzhu Wang	MRT inspection of wire ropes at the termination interface D. Slesarev, K. Myakushev, A. Shalashilin
15:40–16:05		Multisensor concept for wire rope analysis C. Vorwerk, S. Messmer, S. Winter
16:05–16:30		Wirelet 3: Deep learning models for the automatic analysis of rope surface defects S. Pernot, O. Reinelt, M. Hanimann
16:30–16:45		Conclusion of the second conference day Presentation of the OIPEEC Award Maritim Hotel, Alte Reithalle
16:45–17:25		Round table talks Maritim Hotel, Alte Reithalle
from 17:25		Free for delegates own arrangements

The conference management reserves the right to adjust or change the program as necessary