

**9th International Rope Technology Workshop
Marine Technology Society
Ropes and Tension Members Committee**

**2011 OIPEEC Conference
International Organization for
Study of the Endurance of Ropes**

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Title *	Authors, Presenters	Organizations
A Holistic Approach To Continuous Rope Monitoring	Nigel Bester and Jan Marais	ANSYS,
A Simple Innovative Wire Rope Fatigue Test Machine	Roland Verreet and Jean- Marc Teissier	Wire Rope Technology Aachen and DEP
Degradation Mechanism Of Wire Ropes Operating On Multi-layer Crane And Mine Hoisting Drums	Gerhard Rebel, Roland Verreet and Bodo Schmitz	CASAR Drahtseilwerk Saar GmbH and Wire Rope Technology Aachen
Design Of Machine To Test The Strength Of Synthetic Mooring Ropes Used In Marine Technology	A. Gonçaves and F.E.G. Chimisso	POLICAB – Stress Analysis Laboratory, Federal University of Rio Grande, RS, Brazil
Development and Research of A New Termination for High-strength Fibre Ropes	Sven Winter, Anita Finckh-Jung and K.-H. Wehking	Institute of Mechanical Handling and Logistics (IFT) of University of Stuttgart

Development of New Methods for Non Destructive Testing of Stranded Ropes with A Diameter Larger Than 100 mm	Sven Winter, Dirk Moll and Alexander Steven	Institute of Mechanical Handling and Logistics (IFT) of University of Stuttgart and Acergy Group,
Dynamic Loading Effects on Aramid Fibers	Matthijs van Leeuwen	Teijin Aramid,
Fiber Rope Myths	John Flory	Tension Technology International LLC
Fiber Rope Test Machines Available At Dnvs Laboratories	Tone Julseth Paulsen, Vidar Åhjem and Kurt Eide	Det Norske Veritas AS, Technical Advisory Ship and Offshore,
Improved Safety Of Steel Wire Rope End Connections	John Moerkerk	
Large Rope Testing At Holloway Houston	David Richards	Fiber Rope Division, Holloway Houston, Inc.,
New Calculation Method For Slipping And Cutoff Procedure Of Rotary Drilling Lines	Ulrich Briem	University of Applied Sciences Regensburg, Germany,
Pitfalls Of Comparative Rope Materials Testing Using Accelerated Methods	Forrest Sloan	Kuraray America, Inc.,
Quasi-static Properties Of High Stiffness Fibre Ropes For Ultra-deep Water Moorings	Cesar Del Vecchio and Antonio Henrique Monteiro da F. T. Silva	Petrobras/CENPES,
Re Certification Of Used Fiber Ropes For Modu Moorings	Tone Julseth Paulsen and Vidar Åhjem	Det Norske Veritas AS, Technical Advisory Ship and Offshore,
Revision Of The Abs Guidance Notes On Fiber Rope Moorings	Tom Kwan and Pao-Lin Tan and Ken Huang	JD Marine, and ABS,

Safe Use Of Existing Hoisting Drums, Which Are Winded With Multiple Layers Of Synthetic Ropes Or Ropes Of High Diameters	Armin Lohrengel, Konrad Stahr and Martina Wächter	Clausthal University of Technology,
Strength Testing Of Ropes Retired From Main Hoists Of Multi-bucket Excavators	Andrzej Tytko	AGH – University of Science and Technology, Cracow, Poland,
Synthetic Fiber Rope ‘Work Wire’ For Lowering Applications	Mark Huntley	Whitehill Manufacturing Corporation
The Use Of A Non-rotating Rope For The Miracle Rescue In Chile	Roland Konrad	Teufelberger, Austria,
The Effect Of Bending On The Tensile Strength Of Statically Loaded Synthetic Ropes	Greg Z. Mozsgai and Danielle Stenvers,	Samson Ropes,
The Influence Of Twist On The Lifetime Of Tension-tension Loaded Wire Ropes	Bjoern Ernst and K.-H. Wehking	Institute of Mechanical Handling and Logistics (IFT) of University of Stuttgart
Updating Fiber Data For Ultra Deepwater Moorings In Santos Basin	Ronaldo R. Rossi and Luiz Hissashi Hassui	Petrobras/CENPES,
Wear Of Ropes On Mooring Fairleads	Isabel M L Ridge, Roger E. Hobbs and Stephen J. Banfield	Tension Technology International Ltd. UK,
What We Can Learn From Wire Rope Failures	Roland Verreet	Wire Rope Technology Aachen,
* Bold Titles will be published by OIPEEC, other titles will only be presented without publication		