

**OIPEEC** International Organization for the Study of Rope



**University of Stuttgart** Institute of Mechanical Handling and Logistics

# **OIPEEC Conference 2022**

together with 7<sup>th</sup> International Stuttgart Ropedays

27–30 September 2022 Stuttgart, Germany Venue: Maritim Hotel Stuttgart "Alte Stuttgarter Reithalle"



OIPEEC and IFT invite all engineers, scientists, researchers and any person interested in ropes to share their experience, knowledge and opinion with other experts from all over the world at the joint conference of OIPEEC and IFT.

# **Conference topic areas**

The topic includes all types of ropes (fibre, wire, hybrid) as well as all kinds of rope applications (i.e. cranes, ropeways, offshore, elevators, construction, mining equipment, industrial ropes, etc.). Papers and presentations are related to design, inspection, maintenance, laboratory and on site testing or endurance.

# **Preliminary program**

Tuesday, 27 September:	Welcome reception	17:00
Wednesday, 28 September:	OIPEEC 30 <sup>th</sup> General Assembly Keynotes and Greetings, Conference sessions Gala Dinner	08:00-09:00 09:30-16:55 19:30
Thursday, 29 September:	Conference sessions Conference closing	08:30-16:05 16:05-16:20
Friday, 30 September:	Technical excursion	09:00-14:30

www.ift.uni-stuttgart.de/en/institute/ropedays\_2022





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#### Fees, Accommodation

Details about conference fees and accommodation have yet to be finalized and will be announced soon. For the most up to date information please visit our conference portal at:

#### www.oipeec.org

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# Stuttgart

Embedded in one of the largest winegrowing regions of Germany, Stuttgart is famous on the one hand through its panorama and numerous architectural sights and on the other hand through diverse cultural offerings as the State Theatre, the Stuttgart Ballet or the State Opera. There are also numerous museums such as the automobile museum from Mercedes-Benz as well as Porsche. Another highlight is the Wilhelma, Europe's largest zoological-botanical gardens. Stuttgart also is one of the most important economic metropolises. Known around the world are companies like Mercedes Benz, Bosch or Porsche, which characterize the city as an attractive economic location. Let yourself be enchanted by the charm of Stuttgart!

# **Contact Information**

If you intend to participate or if you have any questions or requests about the conference please contact us:

#### IFT

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#### OIPEEC

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### About us:

#### ORGANISATION INTERNATIONALE POUR L'ETUDE DES CABLES INTERNATIONAL ORGANIZATION FOR THE STUDY OF ROPES INTERNATIONALER VERBAND FÜR SEILTECHNOLOGIE ORGANIZZAZIONE INTERNAZIONALE PER LO STUDIO DELLE FUNI

**OIPEEC** is an international association of people with an interest in all aspects of rope technology, including selection, degradation, inspection, endurance and discard. Established in 1963, OIPEEC currently has about 100 members from 25 countries.

OIPEEC organizes meetings every second year to discuss issues of relevance to ropes. These meetings are open to members and non-members alike. Past conferences covered varied topics such as "The Non-destructive Testing of Ropes", "Rope Terminations and Fittings", "Wire Rope Discard Criteria", "How to get the most out of your ropes", "Trends for ropes", "Simulating rope applications", "Challenging Rope Applications" and "Rope – Present and Future".

As an organization OIPEEC does not perform wire rope research itself but rather tries to coordinate international research through active working groups. Moreover, OIPEEC meetings usually foster 'research exchange' between individuals involved in rope science. As such, OIPEEC fulfils the role of providing an international 'meeting place' of rope scientists, engineers and researchers from around the globe. Also, OIPEEC maintains an active relationship with other trade or educational organizations, such as AWRF, OITAF, EWRIS, WRTB, etc. OIPEEC maintains a public web based library of its publications. Members periodically receive OIPEEC's "International Journal of Rope Science and Technology".

University of Stuttgart Institute of Mechanical Handling and Logistics

**IFT** is the Institute of Mechanical Handling and Logistics of the University of Stuttgart, Germany. Rope technology is one of its core competencies with a 90 year history in rope research and teaching, in testing and calculation of ropes as well as in rope inspections and rope applications.

Today, IFT provides static and dynamic testing of wire ropes and fibre ropes, non destructive electromagnetic wire rope inspection, testing of personal protective equipment and research and development in rope technology and rope applications. Additionally, the engineers and researchers at the IFT perform rope life predictions, damage expertises and safety analysises. Since 2002, IFT has run a conference every three years ("International Stuttgart Ropedays") to present and discuss findings on ropes, rope applications, rope manufacturing, destructive and non-destructive rope testing and rope research.

The lectures on these varying fields are intended to present an outline of the significance of ropes in different implementations ranging from a technical context to everyday life. This event especially addresses manufacturers, operators, engineers and researchers with the objective of an exchange of ideas between specialists in the varying branches.