

International Organization for the Study of Ropes

OIPEEC Conference 2026



Program

17th - 20th March 2026
Madrid, Spain



Conference schedule - Overview

Time	Content	Location
Tuesday, March 17 th - Welcome Reception		
17:00 – 19:00	Registration and Welcome Drink	Front Lobby, Bar area
from 19:00	Free for delegates own arrangements	
Wednesday, March 18 th - Conference, Day 1		
07:30 – 09:30	Registration	La Española foyer
08:30 – 09:00	OIPEEC General assembly (*)	La Española room
09:15 – 09:30	Conference opening	
09:30 – 12:30	Conference sessions	
12:30 – 14:00	Lunch	Hotel Restaurant
14:00 – 17:00	Conference sessions	La Española room
17:00 – 17:10	Close of Day 1	
19:30 – 20:00	Cocktails	Cocktail reception - La Española foyer, Dinner La Española room
20:00 – 23:00	Gala Dinner	
(*) Contemporaneously to the registration OIPEEC will hold its general assembly (from 8:30 am to 9:00 am). Members of OIPEEC are kindly asked to register at the evening Tuesday 17th or next morning Wednesday 18th before 8:30.		
Thursday, March 19 th - Conference, Day 2		
08:30 – 12:20	Conference sessions	La Española room
12:20 – 14:00	Lunch	Hotel Restaurant
14:00 – 17:00	Conference sessions	La Española room
17:00 – 17:10	Conclusion and OIPEEC Award	
from 17:10	free for delegates own arrangements	
Friday, March 20 th - Technical and cultural excursion		
09:30 - 09.50	Meeting in lobby of hotel	Hotel, Lobby
10:00 - 17.30	Madrid Opera House - Theatrical Rigging tou, Light lunch	
17:30	Return to Hotel	Hotel, Lobby

Wednesday, March 18th - Conference, Day 1		
08:30–09:00	General Assembly	
09:00–09:15	Coffee Break	
09:15–09:30	Conference Opening	
09:30–09:55	Session No.1 Fibre ropes in application I Chairman: Sven Winter	Lankhorst's anti-snapback solution - the development, testing and safe use recommendations
09:55–10:20		Tanker mooring line failure trends and analysis
10:20–10:45		Prediction of Nylon Mooring Rope's Service Life for Application in Floating Marine Renewable Energy Platforms
		R. Cortez, J. Canedo, L. Haach
		E. Huntley, M. Huntley
		S. Banfield, I. Ridge, B. Yeats, T. Mackey, S. Weller, J. Evans, P. Wang
10:45–11:15	Coffee Break	
11:15–11:40	Session No.2 Modelling and characterization of fibre ropes Chairwoman: Elizabeth Huntley	Aramid permanent tension mooring of the NextFloat X100 floating wind platform – an experimental and model-based fatigue life assessment
11:40–12:05		Modelling the residual breaking force curve of different rope types in CBOS-test
12:05–12:30		Modeling friction in the yarn-on-yarn abrasion test
		B. Cornelissen, E. Bottema, R. Schuit, M. Durix, C. Dechiron, P. Alcoverro
		C. Müller, M. Helbig, A. Kretschmer, M. Golder
		F. Sloan
12:30–14:00	Lunch	
14:00–14:25	Session No.3 Wire rope drives – modelling and inspection Chairman: Jean Marc Teissier	A reduced modeling approach for contact stress analysis in rope-pulley systems
14:25–14:50		Field-driven insights into rope fatigue and lifetime optimisation in shaft hoisting
14:50–15:15		AI-powered inspection and monitoring for steel wire ropes
		I. Pechenizkiy, M. Anders, T. Schmidt
		H. Schultheis, J. Karedan, E. Maher, C. Ruffing, A. Bell, H. Kahlid, S. Soyer
		M. N. Amin, M. Meleddu, T. Tamarozzi, B. Vusini
15:15–15:45	Coffee Break	
15:45–16:10	Session No.4 Non-destructive wire rope testing Chairwoman: Laura Lombardi	The future of rope testing
16:10–16:35		Evaluation of magnetic rope testing methods full locked ropes and splices
16:35–17:00		First results of a permanent monitoring system of steel ropes using new algorithms
		C. Vorwerk, P. Malessa, S. Winter, S. Traub
		M. Weiss, B. Vaurigaud, J.-F. Cherrier, R. Piednoir, S. Contardo
		R. Eisinger, J. Keller, J. Guter
17:00–17:10	Closing First Day	
19:30–20:00	Cocktails, Gala Dinner	

Thursday, March 19th - Conference, Day 2

09:00–09:25	Session No. 5 Fibre ropes in application II Chairman: Stefan Hecht	Condition monitoring system for determining the wear condition of running high-performance fobre ropes	B. Ernst, M. Ferrari
09:25–09:50		Splice technology, the development, testing and safe use of rope splices	P. Jager, R. Romano, J. Ven
09:50–10:15		Evaluation of calculation approaches for multi-layer wound fibre rope drums	M. Stök, A. Lohrengel
10:15–10:45		Coffee Break	
10:45–11:10	Session No. 6 Lifetime prediction of wire ropes Chairman: Robert Schulz	Deformation-based lifetime prediction for ropes under CBOS loading	W. Frick
11:10–11:35		Test results with new rotary bending test machine	U. Briem
11:35–12:00		Empirical factors and rope design	F. Clerici
12:00–13:30		Lunch	
13:30–13:55	Session No. 7 Wire rope characteristics Chairman: Justin Brown	Impact of changes in rope properties and altering on a multi-layer rope drum	B. Nongni, A. Lohrengel
13:55–14:20		Investigation of critical factors influencing the tribological system in traction sheave drives	F. Stegmaier, S. Hecht
14:20–14:45		Key features to improve crushing resistance of steel wire ropes	L. Lombardi
14:45–15:15		Coffee Break	
15:15–15:40	Session No. 8 Fatigue testing of running ropes Chairman: Pengzhu Wang	Design of an efficient test bed for wire ropes crushing assessment	L. Solazzi, I. Trevisani
15:40–16:05		A new innovative approach to determine the total amount of bending cycles for wire rope -introduced in revised ISO 16625	M. Golder
16:05–16:30		The optimal use of bending fatigue testing machines for ropes: a comparative study	M. Elig, M. Fuhrmann, M. Anders
16:30–16:40		Conclusion of the second conference day Presentation of the OIPEEC Award	

Friday, March 20th

Technical Excursion – Opera House Teatro Real (Theatrical Rigging)

CROWNE PLAZA &voco CENTRE RETIRO
CALLE PEZ VOLADOR 1-11
28007 MADRID, SPAIN
TEL: +34.91.400.9900

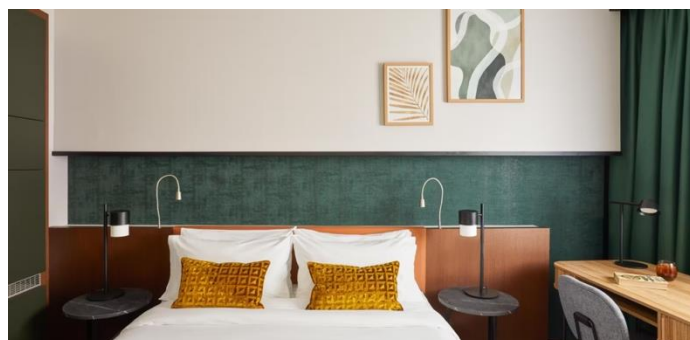
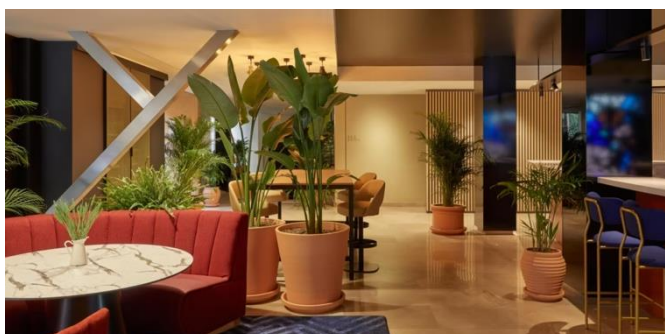
[OIPEEC voco](#)

[OIPEEC Crowne Plaza](#)

RESERVATIONS BY LINK, PHONE OR EMAIL
RATE: €165.00/NIGHT STANDARD ROOM FOR SINGLE USE.
BREAKFAST INCLUDED
RATE UNTIL 21-FEBRUARY-2026

RESERVATIONS@CPMADRIDCENTRERETIRO.COM

The conference will take place in the La Española meeting room, the lunch will be served in the restaurant, registration and coffee breaks in the foyer of La Española meeting room.



Welcome Reception

Attendance to the Welcome Reception on **Tuesday** evening is included in all delegate registration fees. It will be the first opportunity to network, meet industry colleagues and also to register to the conference in advance. From 17:00 to 19:00 in the Hotel Bar.

Conference Gala Dinner

(Dress: Informal)

The evening of the first conference day will include a Gala Dinner with a specific entertainment and a creative menu.

The Gala Dinner starts at 19:30 with a reception outside of the La Española room. Dinner and entertainment to follow.



19:30 – 20:00 Cocktails

20:00 – 23.00 Conference Dinner

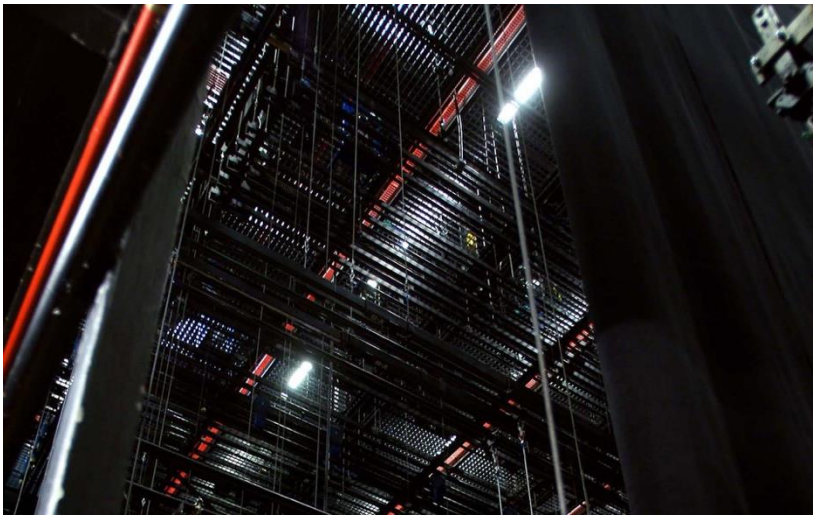
During the dinner, a traditional flamenco guitarist will perform. Program to follow the dessert course.

Technical & cultural Excursion

Friday 20th - El Teatro Real (Opera House)

09:30 Meet in the hotel lobby

The tour will be based on the technical aspects of the building of the Teatro Real, such as the movements of platforms and poles, the assembly and construction of sets, the process of preparing an opera stage (installation and dismantling), installation of the acoustic shell. The group will enjoy lunch at a local restaurant after the tour. Transportation included.



Javier del Real



Accompanying persons activity

During the Wednesday conference day, the accompanying persons will enjoy making an authentic Spanish meal during the Paella and Sangria cooking class.

Wednesday 18th – Get ready for a delicious adventure

Get ready for a deliciously fun, family-friendly, hands-on culinary adventure! Join our expert local chef as you create your own meal featuring iconic Spanish dishes. Along the way, dive into lively conversations about Spanish cuisine, local eating habits, and any topic that sparks your curiosity. In our small-group class, you'll team up in pairs to prepare your menu under the friendly guidance of our English-speaking local chef. We'll visit a local market to shop for fresh ingredients. Don't worry about dietary restrictions, accommodations for all needs, as you make your menu based on your specific requirements. Once cooking is complete, enjoy your meal with your classmates while sharing travel experiences. In addition to unforgettable memories, you'll take home a recipe brochure with all the dishes you've prepared, ready to recreate at home!

Thursday 19th – Madrid

Below you will find a listing of self-guided tour option in Madrid.

Most tickets can be purchased ahead of time on www.viator.com

Madrid Old Town and Royal Palace Walking Tour

The Royal Palace of Madrid is the largest in Western Europe and is renowned for its magnificent architecture and impressive art collection. Explore inside the royal residence on a guided tour of the State Rooms and the Royal Armory, then continue walking around Madrid's atmospheric Old Town. See the Cathedral, San Miguel Market, and Puerta del Sol, with plenty of stops along the way to take photos. [Private Walking Tour to Royal Palace and Old Town of Madrid](#)

Prado Museum

Madrid's Prado Museum (Museo Nacional del Prado) is home to one of the most important art collections in the world, but its long lines to enter and vast size can be discouraging. Zip past the crowds and follow your guide to admire masterpieces by Velázquez, el Greco, Goya, Tiziano, Rubens, and others in less than two hours with this skip-the-line tour. [Prado Museum Madrid Guided Tour with Skip the Line Ticket](#)

Bernabeu Stadium

Football /soccer enthusiasts won't want to miss a guided tour of Madrid's Santiago Bernabéu Stadium, the home stadium of Real Madrid. Whether you support the local team or another, this one-hour tour is a great way to get a behind-the-scenes look at one of the most important teams in the world. Visit one of the towers for a sweeping view of the stadium, check out the impressive trophy room, and more. [Bernabeu Stadium & Real Madrid Museum Guided Tour](#)

Madrid Highlights Bike Tour

Admire the spectacular sights of Spain's vibrant capital on a bicycle tour of Madrid. A knowledgeable guide, cycle at a leisurely pace to important monuments like Plaza Mayor and the Royal Palace of Madrid. Stop intermittently to listen to illuminating commentary from your expert guide, and to capture photographs of Madrid's historical and architectural highlights. All safety equipment is included on this tour. [Madrid Highlights Bike Tour](#)

High-end luxury shopping is located in Barrio de Salamanca neighborhood on Calle de Serrano.

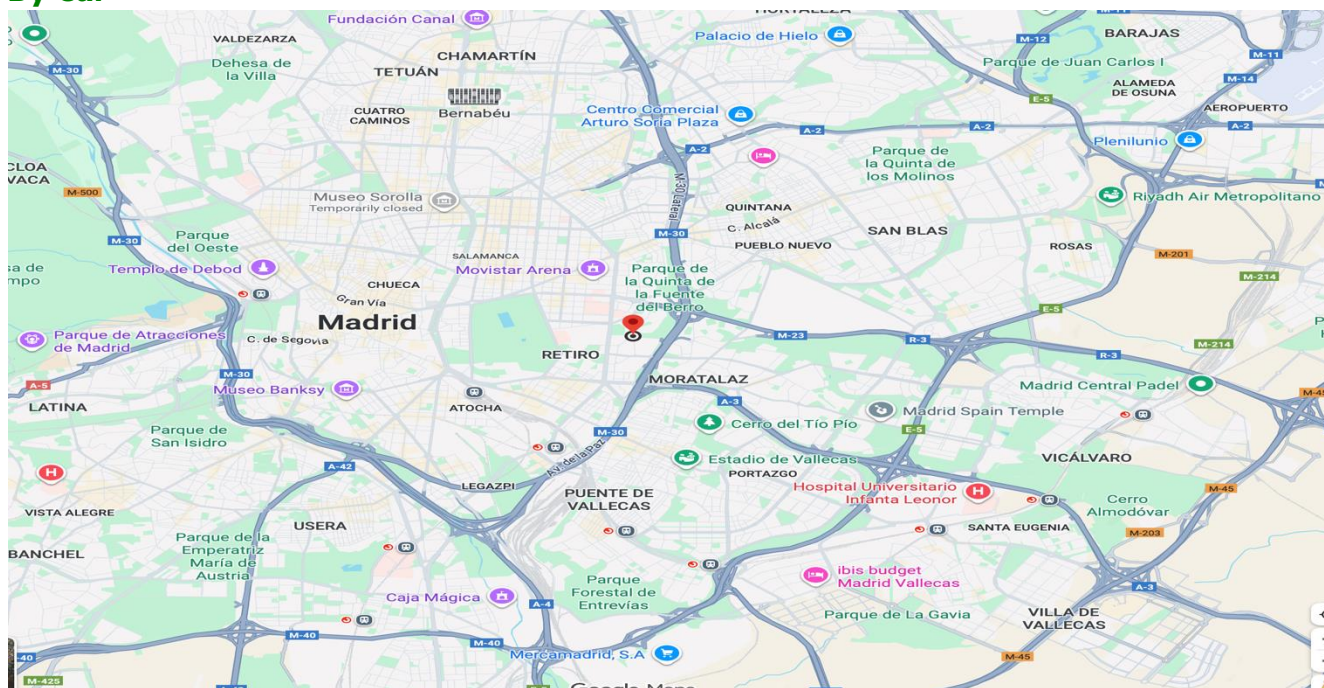
High-street fashion and major store chains is located in the Sol neighborhood on Gran Via.

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28007 MADRID, SPAIN
TEL: +34.91.400.9900

Coordinates: 40°24'52.6"N 3°39'58.2"W

- Bus stop is 25 meters away from the hotel
- Parking in the area €26.00/day

By car



By flight

Madrid International Airport (MAD) is located 13 km away from the hotel. Access to the international Airport by taxi 15 minutes.

By train

The Atocha station (main station and high-speed train) 2,5 km away from the hotel. Nearest metro stop is 50 meters away from the hotel (Sainz de Baranda)

Climate

The temperature in Madrid in March could vary between 3° to 5° C during night and 17° C maximum during the day. Skies are mostly sunny, with low chance of rain.

For more information please visit: <https://www.aemet.es/en/eltiempo>

Local public transport

Ride share Uber is available in Madrid. Information related to the local public transport can be found at: <https://www.esmadrid.com/en/getting-around-madrid>

Website

The website esmadrid.com is a helpful website for getting around the city with information on neighborhoods, maps, weather and healthcare if needed: <https://www.esmadrid.com/en/plan-your-trip-madrid>

Banks

Normal banking hours are from 08:30 to 14:00 hrs, Monday to Friday. There are ATMs usually located in connection with a bank branch, which accept a variety of international credit cards. The cards accepted are indicated on the dispenser.

Lost or Stolen credit cards

If your cards are stolen or lost, then you should cancel them immediately.

Emergency

In case of an emergency dial **112**. English is fine - speak as slowly and clearly as you can. For non-life threatening requiring the local police dial 092, Ambulance service dial 061.

Contact

If you have any request, question or comment please contact us via:

e-mail: administrative@oipec.org

Conference Management & Organizing committee

In urgent cases please directly contact one of the organizers/ conference coordinators:

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The conference organizing committee reserves the right to adjust or change the program as necessary.



International Organization for the Study of Ropes

OIPEEC Conference 2026

Fees, Accommodations

Details about conference fees are available on the OIPEEC website. Registration by credit card or bank transfer. Registration fees increase after 21-February-2026.

About us

OIPEEC

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 approximately 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.

As an organization OIPEEC does not perform 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 and/or educational organizations, such as AWRP, 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" containing additional research papers regarding rope of various types and applications.

Contact Information

Presentation of paper is not required to participate at an OIPEEC Conference. If you would like to attend or have any questions, please contact us:

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