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GENERAL INFORMATION

Paper Committee
Dr Isabel Ridge, Tension Technology International Ltd.
Mr Knut Buschmann, UniRope
Mr Martin Dohm, Anglo Technical
Prof. Roger Hobbs, Imperial College, London
Mr Hans Huber, Gustav Wolf Wire Rope (Suzhou) Co., Ltd.
Mr Jean Marc Teissier, DEP Engineering
Dipl. Ing. Roland Verreet, Wire Rope Technology Aachen
Dr Pengzhu Wang, Bridon International Ltd.
Dipl. Ing Sven Winter, University of Stuttgart
Prof. Dr. Karl-Heinz Wehking, University of Stuttgart

Administration
Ms Caren Van Zant email: conference2013@oipeec.org

The Bodleian Library, Oxford

The Bodleian Library is a working library and an integral part of the University of Oxford. It is housed in a remarkable group of buildings which forms the historic heart of the University. The Banquet to celebrate 50 years of OIPEEC will be held in one of these buildings - the University's oldest teaching and examination room, The Divinity School (built 1427-88).

Photography courtesy: Bodleian Library

Accommodation - Hotel Reservation -
Delegates MUST arrange their own accommodation

Oxford Spires Four Pillars Hotel is just a short riverside walk from the magnificent city of Oxford, home to some of the country's finest university colleges, architecture and museums, as well as a diverse range of bars, restaurants and shops. Nestling in acres of beautiful riverside parkland, Oxford Spires Hotel has an idyllic location within easy reach of the city centre.

Oxford Spires Four Pillars Hotel, Abingdon Road, Oxford OX1 4PS,
email: spires@four-pillars.co.uk
Tel: +44 (0)1865 324 324, Fax: +44 (0)1865 324 325

Rates
Single occupancy bed and breakfast £120, per room, per night
Double occupancy bed and breakfast £130, per room, per night

*Special OIPEEC rates apply until **Monday January 28th 2013**. Any bookings after this time will be on the best available rate and subject to availability.*

Directions
For directions to the hotel, please visit their website:
http://oxford-spires-hotel.four-pillars.co.uk/

Registration Fee
€600 for members of OIPEEC, €750* for non-members
Speaker/Presenter €420, Student €240, Accompanying persons (includes 2 cocktail parties and Banquet dinner in Bodleian Library) €180, Cultural Excursion €95**

Conference fees Includes: conference gift and proceedings, Sunday welcome reception drinks, coffee breaks, refreshments lunch on Monday and Tuesday and the participation at the evening cocktail events and banquet dinner in Bodleian Library on Tuesday.
**Includes one year's Membership to OIPEEC **The cultural excursion fee is in addition to the Conference Fee. The fee includes: lunch, entrance fees and transportation costs.*

Registration
Please go to: ***www.oipeec.org*** for an electronic registration form.

Cancellation
Cancellation must be made *by 11th February 2013,* otherwise the full fee must be paid. Before that date, a cancellation fee of 10% will be applied. Only written cancellations will be accepted.

Payment terms:
An individual invoice for the registration fees and selected options (excluding accommodation costs) will be sent by email, please fill out the registration form which can be downloaded from the OIPEEC website.

The conference fees are to be paid by bank transfer to the following account:

	Account Name	OIPEEC
	Bank	Deutsche Bank
	Account No.	0152058
	BLZ	41070049
	IBAN	DE92410700490015205800
	SWIFT /BIC	DEUTDEDE410
Important:	Keyword	GA 2013 + your last name

Please note that all banking charges are for the remitter's account.

OIPEEC Conference 2013

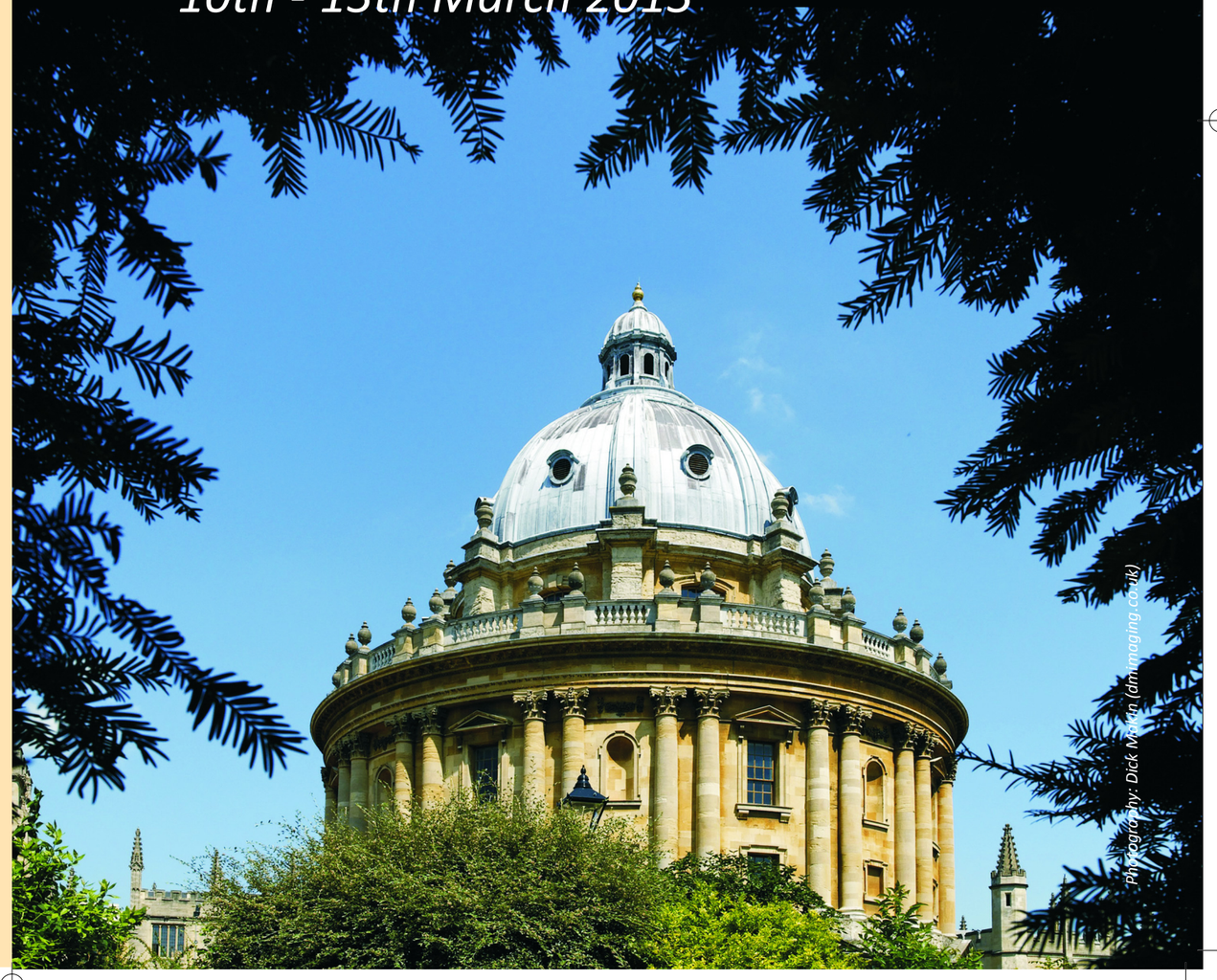
Programme and Registration

Simulating rope applications

CELEBRATING 50 YEARS OF OIPEEC

Oxford Spires Four Pillars Hotel, Oxford, UK

10th - 13th March 2013



Photography: Dick Martin (dmimaging.co.uk)

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OIPEEC Conference 2013

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 over 130 members from 30 countries. In 2013 we will be celebrating our 50th Anniversary.

OIPEEC organises meetings every second year to discuss issues of relevance to ropes. These meetings are open to members and non-members alike. Those attending meetings have an interest in ropes, with backgrounds such as:

- University academics
- Wire, Fibre and Rope manufacturers
- Engineers involved in design and manufacture of systems employing ropes
- Engineers in companies with ropes in service
- Engineers involved in the inspection and maintenance of ropes

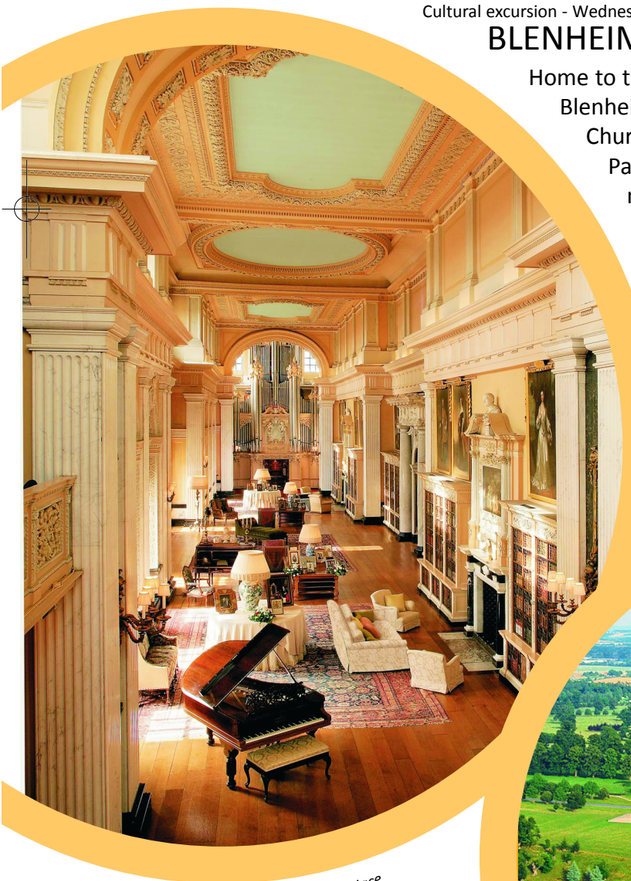
As an organisation OIPEEC does not perform wire rope research itself but rather tries to coordinate international research through its Scientific Committee. Moreover, OIPEEC meetings usually foster 'research exchange' between individuals involved in rope science. As such, OIPEEC fulfils the role of providing an international 'meeting place' of rope scientist engineers and researchers from around the globe. Also, OIPEEC maintains an active relationship with other trade- or educational organisations, such as AWRF, OITAF, EWRIS, WRTB, etc.

OIPEEC members receive annually OIPEEC's "International Journal of Rope Science and Technology", which is a peer reviewed publication containing papers on all aspects of rope (wire or fibre), umbilical, hose etc. Topics include design, manufacture, deployment, service behaviour, condition monitoring, degradation mechanisms, standards etc.

Cultural excursion - Wednesday 13th March 2013

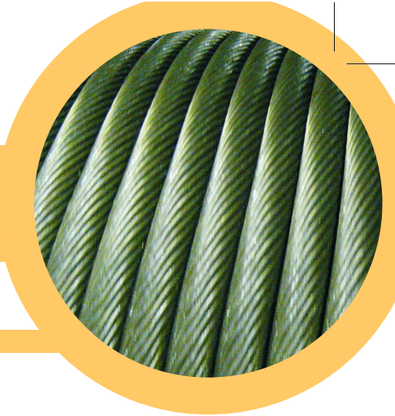
BLENHEIM PALACE

Home to the 11th Duke and Duchess of Marlborough, Blenheim Palace is the birthplace of Sir Winston Churchill and a World Heritage Site. Blenheim Palace was a gift from Queen Anne and a grateful nation to John Churchill, 1st Duke of Marlborough following his famous victory at the Battle of Blenheim in 1704. Visit the gilded State Rooms, which house one of the finest collections in Europe. Blenheim Palace is surrounded by over 2,000 acres of landscaped parkland, the great lake, and beautiful formal gardens, offering an unforgettable day out for all.



Photography courtesy: Blenheim Palace

PROGRAMME



Sunday 10 March 2013

Registration	18:00-19:30			
Cocktail reception	18:30-19:30			

Monday 11 March 2013

Registration	08:00			
OIPEEC 26th General Assembly				
	10:00-10:30			
Welcome & start of the Conference				
	10:45-11:00			
Conference session 1	11:30-12:00	Paper 1	Rope socket performance at elevated temperatures	I.M.L. Ridge and R.E. Hobbs
	12:00-12:30	Paper 2	Simulating the effect of wire rope “safety” clamps on rope terminations	I.M.L. Ridge, J.M. Teissier and R. Verreet
Lunch	12:30-14:00			
Conference session 2	14:00-14:30	Paper 3	Hot metal crane ropes: Capacity simulation, Magnetic control, Strength safety Temperature Criterion.	A. Vorontsov, V. Volokhovsky and V. Sukhorukov
	14:30-15:00	Paper 4	Visual testing of ropes using a 3 dimensional model of their geometry.	A. Sioma, G. Olszyna and A.A. Tytko
	15:00-15:30	Paper 5	Wire Rope Roughness (WRR), a new indicator for the quantitative characterization of wire rope deterioration.	H. Weischedel
Coffee	15:30-16:00			
Conference session 3	16:00-16:30	Paper 6	Reasons for premature wear of hoist ropes used in the skip hoist.	M. Nowak
	16:30-17:00	Paper 7	Six change in length properties method for testing and analysing fibre ropes	J.F. Flory
Cocktail Reception	17:30-18:30			
Free Evening				

Tuesday 12 March 2013

Conference session 4	09:30-10:00	Paper 8	Determination of the Donandt-Force of dynamically stressed spiral stranded ropes.	O. Reinelt, S. Winter and K.-H. Wehking
	10:00-10:30	Paper 9	Lifetime of running ropes stressed by fluctuating tension and bending cycles.	U. Briem
	10:30-11:00	Paper 10	An Innovative method for wire rope fatigue life evaluation.	L. Lombardi and F. Clerici
coffee	11:00-11:30			
Conference session 5	11:30-12:00	Paper 11	An Axisymmetric FEM model of drum with multi-layer rope winding.	W. van den Bos
	12:00-12:30	Paper 12	Simulation of fibre ropes and their effects on the strain scenario of multilayer wound rope drums.	A. Lohrengel, K. Star and M. Wächter
Lunch	12:30-14:00			
Conference session 6	14:00-14:30	Paper 13	Simplified analysis of multi-segment and sinker catenary systems	J.F. Flory
	14:30-15:00	Paper 14	Torsional interactions in multi-component moorings	R.E. Hobbs and I.M.L. Ridge
	15:00-15:30	Paper 15	Characteristics of steel hybrid ropes with UHMWPE – Dyneema® core and their applications.	X. Amils, B. Durmus, P. Smeets, J. Boesten and J. Weis
coffee	15:30-16:00			
Conference session 7	16:00-16:30	Paper 16	Calculation of modulus and torque of a 6x19 IWRC rope with a Finite Element Model using beam elements.	M. Bechtold and A. Jeays
	16:30-17:00	Paper 17	Parametric studies of wire ropes using the finite element method.	J. Weis and K.-H.Wehking
BANQUET CELEBRATING 50 YEARS OF OIPEEC	18:45	Leave hotel for Bodleian Library by coach		

Wednesday 13 March 2013

Group Excursion to Blenheim Palace	09:30	depart for Blenheim Palace, returning at approximately 15:30, to hotel from Blenheim Palace (traffic permitting)

REGISTRATION FORM March 10 -13, 2013

OIPEEC Conference 2013 - The Oxford Spires Hotel - Oxford, England

Title **Family Name** **First Name**

Company / Organization / Institution **Department**

Postal Address (including City / Postal Code and Country) **OIPEEC Membership Number**

Phone No. (with country code) **E-mail Address (important for communications)**

Billing Address (if different from the above address):

Registration Cancellations will be accepted until 11-February-2013.

Summary of Fees

Number of OIPEEC Member attendee(s) @ € 600,00		Subtotal	€0
Number of Non-OIPEEC Member attendee(s) @ € 750,00		Subtotal	€0
Number of Speaker / Presenter attendee(s) @ € 420,00		Subtotal	€0
Number of Accompanying Persons / Spouse @ € 180,00		Subtotal	€0
Number of Student attendee(s) @ € 240,00		Subtotal	€0
Number of Tour participant(s) @ € 95,00		Subtotal	€0
	GRAND TOTAL		€0

Payment Terms *Check Here* ☐ *If you require an invoice to be raised.*

The conference fees are to be paid by bank transfer to the following account: Note all banking charges are for the remitter's account.

Account Name	OIPEEC	BLZ	41070049
Bank	Deutsche Bank	IBAN	DE92410700490015205800
Account No.	0152058	SWIFT /BIC	DEUTDEDE410

Important: Reference: GA 2013 (& your last name)

Attendees MUST reserve their own Hotel accommodations

Oxford Spires Four Pillars Hotel

Abingdon Road
Oxford OX1 4PS

Tel: +44.1865 324324
Fax: +44.1865 324 325 **Email:** spires@four-pillars.co.uk

RATES:

£120.00, per room, per night for SINGLE occupancy, includes breakfast.

£130.00, per room, per night for DOUBLE occupancy, includes breakfast.

Special OIPEEC rates are good until ***Monday, January 28th, 2013***.

Any accommodation bookings after this time will be on the best available rate and subject to availability