

Registration Form

First Name: _____

Surname: _____

Company: _____

EFFE Membership No. (if applicable): _____

Address: _____

Town: _____

Registration is also available on-line at www.efee.eu

City: _____

County/State: _____

Country: _____

Postal/Zip Code: _____

Phone (incl code): _____

Email Address: _____

Spouse/partner name: _____

Conference Registration Includes

Admission to all technical sessions, entry to the exhibition, a copy of the printed proceedings, a ticket to attend the welcome drinks reception and lunch on both days.

	Conference Registration	Quantity	Amount	Total
Early Bird Discount Registration before 30 June 2011	Early Bird Conference registration for NON EFEE Members		€658.00	
	Early Bird Conference registration for EFEE Members and those applying for EFEE Membership		€610.00	
	Early Bird Conference registration for EFEE Corporate Members (one discounted registration, per membership)		€580.00	
Registration from 1 July 2011	Conference registration for NON EFEE Members		€699.00	
	Conference registration for EFEE Members and those applying for EFEE Membership		€660.00	
	Conference registration for EFEE Corporate Members (one discounted registration, per membership)		€630.00	
Gala Dinner	Gala Dinner tickets includes half a bottle of wine per person and entertainment		€65.00	
Welcome Drinks Reception	Additional tickets to the Welcome Drinks Reception		€21.50	
Proceedings	Printed Proceedings		€85.00	
	CD Rom Proceedings		€68.00	
Partner Programme	Half Day Tour to the Old Lisbon – Sunday 18th September		€45.00	
	Half Day Tour to Sintra/Cabo da Roca/Cascais – Monday 19th September		€45.00	
Sunday Afternoon Workshops	Tickets for EFEE Members	€	€74.00	
	Tickets for NON EFEE Members		€147.00	

Amount Due: _____

The above rates include Portuguese VAT

Accommodation Arrival and Departure Dates

Arrival Date: ___/___/___ Departure Date: ___/___/___ No. of nights: _____

Accommodation must be paid to the hotel on departure. Once this reservation has been made if you decide to cancel you will be liable for cancellation charges.

Our agreed accommodation rate for single or double occupancy is €188.68 per night plus VAT at 6%.

Bedroom Type Single Twin Double Sharing with: _____

Payment Information Full payment must be made for your registration to be processed. Payment can be made by credit or debit card.

All amounts are in euros, an invoice will be issued once payment has been received. We do not accept AMEX.

Mastercard Visa Switch/Cirrus

Name as it appears on the credit/debit card: _____

Credit/Debit Card Number: _____ Expiry Date: ___/___/___ Start Date: ___/___/___

Issue Number (if applicable): _____ Card Security Number: CVV (last 3 digits on signature strip): _____

Signature: _____ Name: _____ Date: ___/___/___

Accommodation Terms

You must notify us of any cancellations or amendments to your reservation by **10th August**. After **10th August** any cancellations or no-shows will be charged at 100%. In the event that a guest checks out prior to the reserved checkout date, the hotel will charge the full room rate including tax for the entire reserved period.

Event Cancellations

In the event of cancellation we will refund 90% of the registration fee (a 10% handling fee will be charged) if notification is received in writing before 15th July 2011.

No refund will be given after this date.

Further VISA & Travel information is available on our website: www.efee.eu or email efee@tylerevents.co.uk

Address for Information EFEE, Hoton Hill Barn, 82 Loughborough Rd, Hoton, Leics LE12 5SF UK T: +44 (0) 1509 631 530 F: +44 (0) 1509 234 911

EFFE Membership:
(Please tick one of the below options)

I am an EFEE Member

I am applying for EFEE Membership

My company has EFEE Corporate Member

I am not an EFEE Member

If you wish to apply for EFEE membership you can do so online at: www.efee.eu

I am attending as a:
(Please tick one of the below options)

Conference Speaker

EFEE Council Member

Technical Papers

The following are samples of papers submitted for presentation in Lisbon.

The conference will attract explosive users, manufacturers, accessories and drilling equipment, researchers and professionals involved in all aspects of explosives development and usage.

EU Directives and Harmonisation Work

- Status of New EU - Directives
- EUExNet – A european explosives network
- Authorized Rock blaster- the project that revolutionizes the rock blasting industry

Health, Safety and the Environment

- Soft computing approach to evaluate and predict blast-induced ground vibration
- Test blasts and vibration prediction, AVM project Klinthagen Quarry, Gotland, Sweden
- Research on the safety criteria of blasting vibration
- Good practice guide for the safe storage of solid technical grade ammonium nitrate
- ECOFRO- Eco-comparator for fragmentation of rock methods
- Blasting for environmental remediation
- Environmentally conscious blasting: Beyond mine to mill
- A multi-parameter blast planning and vibration monitoring program for the construction of three tunnels at Tembi – Platamon area, on the motorway Athens – Salonica, Hellas
- Improvement safety in the transport of explosives in Portugal using geolocation technology
- Security of explosives on site, remaining explosives, cartridges and detonators failed and missed
- Life cycle assessment of a civil emulsion explosive.

Technical Development

- Integration and optimisation of blasting and comminution processes – case studies
- A probabilistic analysis of measured levels of blast vibration
- Detonation temperature calculation of water-gel explosives
- Blasting vibration waveform prediction method based on superposition principle
- Multiple seed blast vibration modelling for tunnel blasting in urban environments
- Development and study of low sensitive and ecologically clean coarsely dispersed explosive
- Reaction of aluminum particle in detonation of emulsion explosive
- Development of electric discharge impulse crushing system
- Non-electric detonator with electronic delay
- Fragmentation: size distribution or distribution of distributions?
- In situ measurements of detonation pressure and temperature of commercial explosives
- The importance of sonicity in blasting

Shot Hole Development

- Managing near field vibrations at the new Central Station for the Citybanan in Stockholm
- Effect of sympathetic pressure on energy release characteristic of explosives
- Geomechanical control of jointed rock mass blasting by aligned drilling

Blasting Covering Experiences from Projects

- The synergy of techniques as a new approach to the work out of complex demolition interventions
- Full-scale single and multiple-hole blasting experiments in sandstone
- Utilisation of the seismic measurement in projecting of covering blasting at Slovakia.
- Vibrations and concrete behaviour
- Evaluation method of the effects of seismic blasting in Maglovec Quarry
- Vibration velocities resulting from the use of explosives in different rock masses
- Modification of rock fragmentation Sungun Copper Mine using of modification blastholes patterns
- Case studies on underground and tunnelling applications using electronic initiation
- Advanced techniques for high vibration reductions
- Blasting 60-meters underwater in an environmentally challenging environment
- Vibration signals in rock and paste backfill in an underground blasting operation

Clearance & Decontamination

- Explosive technologies in decontamination areas polluted by military activity

Management Covering Blast Design

- The influence of geology on blast design and explosive performance
- Rock mass characterisation for blast optimisation by impedance matching at a coal mine
- Improved blast results from the implementation of a business intelligence system



6th World Conference on Explosives & Blasting

LISBON 2011

18th - 20th September 2011, Lisbon, Portugal

The Corinthia Hotel

President's foreword

The European Federation of Explosives Engineers, EFEE, hereby invites you to our next World Conference on Explosives and Blasting in Lisbon 18th – 20th September 2011.

Since 1988 EFEE has arranged 5 World Conferences with great success and we are fully convinced that our 6th Conference at the Corinthia Hotel in Lisbon will be the same and attract delegates from all over the World.

The Conference will be arranged together with the Portuguese Association of Studies and Engineering of Explosives, AP3E.

EFEE is introducing a student award for 2011. This award will be given to the two students who submit the best papers in the field of explosive engineering. These papers will be presented during the technical sessions.

The beautiful city of Lisbon, the capital of Portugal, lies on the European Atlantic coast and has a history with more than 800 years of cultural influence together with modern trends. Its unique centre with a wide variety of parks, nature and street cafés combined with a pleasant climate throughout the year makes it a perfect place for the EFEE Conference. During the Conference a program for participants and spouses has been arranged; including sightseeing around the Lisbon area.

The Conference will start on Sunday with registration, workshops and welcome reception followed by presentations and exhibition on Monday to Tuesday. The concept to start with workshops on Sundays has been much appreciated. Two topics for these workshops are planned to be presented; the new EU directives and secondly practical cases how to handle and solve vibration, noise disturbances in urban tunnelling projects.

EFEE expects more than 500 professionals from over 50 different countries creating a great opportunity to meet colleagues from the construction, demolition, quarrying and mining industry to built networks and exchange information, news and techniques both for users and manufactures of explosives and drilling operations as well as for consultants and clients.

At the luxurious Corinthia Hotel there will be convenient auditoriums to sit and listen to all of the professional papers being presented on the latest techniques, products and developments covering the art of successful Blasting. There will also be a great exhibition area to visit where the latest products, equipment, accessories and technique used will be shown. This gives a great chance to talk with suppliers, designers and manufactures.

These EFEE Conferences have also been excellent opportunities to meet old friends from all over the world for a couple of days. Meeting each other in Lisbon and exchanging experience and information can never be wrong.

I welcome you and look forward to seeing you in Lisbon.

Donald Jonson

EFEE PRESIDENT

EFEE Registered in Switzerland 80195

www.efee.eu

Technical Committee

Roger Holmberg, Malta (Chairman)
Robert Farnfield, UK
José Gois, Portugal
Peter Moser, Austria
Finn Ouchterlony, Sweden
José A. Sanchidrian, Spain
Jerry Wallace, USA

Conference Committee

Heinz Berger, (Chairman)
Roger Holmberg
José Gois
Donald Jonson
Rémy Müller
James Tyler

Registration

Conference registration includes admission to all technical sessions, the exhibition, a copy of the printed proceedings and admission to the welcome drinks reception on Sunday 18 September.

Early Bird Registration

The Early Bird registration fee is €658.00 inc. vat, this is reduced to €610.00 inc. vat for EFEE members and €580.00 inc. vat for EFEE Corporate Members.

All participants, including authors, must pay the full registration fee.

To take advantage of our "early bird" registration discount, register before 30 June using one of the following methods:

Register today on-line at:
www.efee.eu

By Fax: Complete the registration form and fax back to
+ 44 (0) 1509 234 911

By Post: Complete the registration form and post to:

EFEE
Hoton Hills Barn
82 Loughborough Rd
Hoton
Leics
LE12 5SF
United Kingdom

For further information please email: efee@tylerevents.co.uk

Official Languages

The official language of the conference is English.
All technical papers will be presented in English.

Schedule of Events

Sunday 18 September
12.00 – 23.00 Exhibition set up
12.00 – 18.00 Conference registration
14.00 - 17.00 Workshops on: "New EU Directives" and "How to handle and solve vibration, noise disturbances in urban tunnelling projects."
18.00 - 19.30 Welcome drinks reception & opening speeches

Monday 19 September
08.00 – 12.00 Conference registration
08.30 - 17.00 Technical sessions & exhibition
09.00 – 17.00 Exhibition
19.30 till late Gala dinner - external venue

Tuesday 20 September
08.30 - 17.00 Technical sessions & exhibition
09.00 – 17.00 Exhibition
17.00 Conference close

Workshops on:

"New EU Directives" and "How to handle and solve vibration, noise disturbances in urban tunnelling projects".

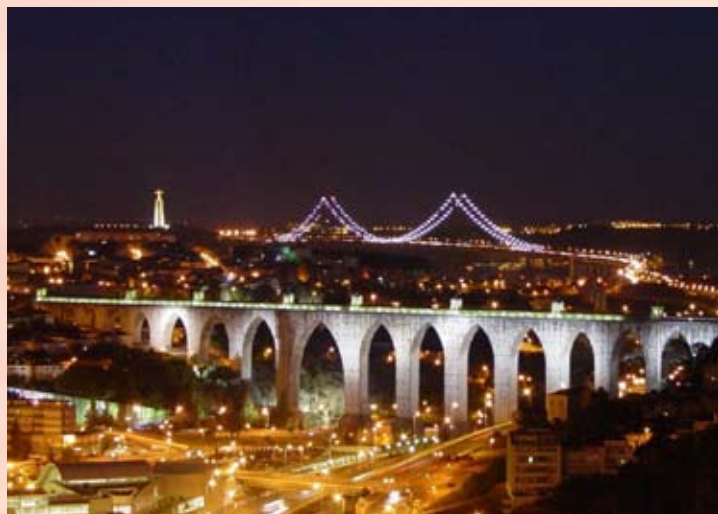
There will be two workshops taking place on Sunday afternoon from 14.00hrs to 17.00hrs. The topics will be "New EU Directives" and "How to handle and solve vibration, noise disturbances in urban tunnelling projects".

Part 1: "New EU Directives 2008/43 and a system for the identification and traceability of explosives for civil uses"

- Predrag Šinik, "Status of New EU-Directives"
- Thomas Menzel and Jörg Rennert; "Possibilities for the practical realisation of the EU DIRECTIVE 2008/43/EC based on software solution by Dresden Informatik GmbH"
- Questions/Discussion

Part 2: "How to handle and solve vibration, noise disturbances in urban tunnelling projects"

- Sven-Erik Johansson; "Stockholm City Line - A Blasting Challenge"
- Ulf Lichte ; "The demolition of shelters by controlled blasting in city areas - requirements of the vibration monitoring"
- Doug Andersson; "New York City Tunnelling - Experiences of Strain gauges vs Peak Particle Velocities"
- Questions/Discussion



Exhibitors

The conference includes a large exhibition, taking up 1000 sq.m. The exhibition will display and demonstrate the latest developments across the industry. Areas covered include explosives, consultants, suppliers and manufacturers. All lunches and coffee breaks will be served around the exhibition hall. For a full list of exhibitors participating at the 6th EFEE World Conference, please visit our website at: www.efee.eu

If you are interested in becoming a sponsor or exhibitor please email: efee@tylerevents.co.uk

Accommodation

Hotel Information: www.corinthia.com

The Corinthia Lisbon is a stylish destination at the centre of Lisbon's financial district, with views that overlook the 18th century Aqueduct and Monsanto Nature Park, the Corinthia Hotel is only a short distance away from the city centre, with close proximity to public transport making it a key base when exploring the historic capital. High speed internet access is available throughout the hotel.

The negotiated bed and breakfast rate is €188.68 plus VAT at 6%. This applies to double or single occupancy, on a bed and breakfast basis. Accommodation reservations can be made in conjunction with your conference registration and although we take accommodation reservations, payment must be made directly with the hotel on departure.

There is a limit to the number of rooms available in the main conference hotel, we therefore recommend that you complete your registration as soon as possible.

Welcome Drinks Reception

The welcome drinks reception marks the opening of the conference and will take place on Sunday evening from 18.00pm at the Corinthia Hotel. The cost of attending is included in the registration fee; additional tickets can be purchased for partners.

Gala Dinner

The Monday evening gala dinner is being held at Casal De Paulos located in the Natural Park of Monsanto, 15 minutes from the Corinthia hotel. There will be a variety of entertainment throughout the evening and tickets include a 3 course dinner, soft drinks and wine.

Transfers will be provided by coach from the Corinthia hotel.

Our gala dinner is a highlight of the conference so please book early to avoid disappointment!

Lisbon Information

The capital and largest city of Portugal, with a population of over half a million, Lisbon is a legendary city with over 20 centuries of history. Set on seven hills, as the legend tells, the city grew rapidly during the middle ages. In 1755, the majority of the city was destroyed by an earthquake, destroying many important structures, and leaving others in ruins. The modern day city boasts a diverse range of attractions, from characteristic mosaic pavements, to breathtaking panoramic viewpoints and gastronomic delights.

Lisbon is the only European capital with Atlantic beaches. Take the train along the north bank of the Tagus estuary and you'll discover mile after mile of golden sandy beaches. At the end of the line the beaches of Estoril and Cascais are home to a number of royal castles - a stunning legacy of the times when the kings of Portugal spent their summers here. Continue further and the coast turns westwards - be sure not to miss the truly breath-taking Atlantic sunsets.

Partner Programme Options

Sunday 18th September Half Day tour to the Old Lisbon

Drive through this remarkable city built nearly 2,500 years ago passing buildings dating from the 18th Century and along mosaic paved streets.

Driving along the River Tagus left bank stopping by the Tower of Belém, 16th Century fortress and by the Monument to the Sea Discoveries.

The tour will proceed to historic Lisbon's borough of Belém.

Visit the Monastery of the Jerónimos (Hieronymite Monks) built in 1502 and the finest example of the Gothic-Naturalist (the ambiental decoration named "Manueline"). The splendid church with chapels and the main-altar in Gothic-Renaissance style will also be visited.

Continuing the visit to the Castle of Saint George, an 8th Century fortress from whose ramparts can be enjoyed a superb view of the old boroughs and the River Tagus.



Monday 19th September

Half Day tour to Sintra/Cabo da Roca/Cascais

Depart for Sintra, a small delightful town in the forest covered Mountain of Sintra, immortalized as "Glorious Eden" by the World famous poet Lord Byron.

Located about 30 kilometers northwest of Lisbon, there will be a visit to the Royal Palace of Sintra, a fabulous royal residence of many Portuguese Kings, with wings and halls dating from the 13/14th Centuries. Sintra is excellent for shopping souvenirs and handicraft, and there will be time at leisure.

Descending the mountain on to Cape Roca, the Western-most point of continental Europe, a stop will be made by the cliffs over the Atlantic Ocean. Then following the coastline the tour will pass by Guincho Beach, Boca do Inferno (Hell's Mouth) an ocean carved spectacle in rock.

Arriving at the old fishermen village of Cascais that in the 1940's was chosen as residence by exiled European Royalty, a stop will be made by the lovely bay filled with fishing boats.

Time at leisure in Cascais, and return to Lisbon via the Estoril coastal road.



Travel Information

Lisbon airport is located 7km from the Corinthia Hotel. The recommend method of transport from the airport is by taxi, this should take approximately 20 minutes and cost €15.00.

Gold Sponsors:



Silver Sponsors:

Austin Powder
www.austinpowders.com

InstanTel
www.instanTel.com

KIRLIOĞLU
www.kirlioglu.com.tr

Nomis
www.nomis.com

Potters Europe Inc.
www.pottersbeads.com

Sigicom
www.sigicom.com

TREAD Corporation
www.treadcorp.com

Valéron Strength Films
www.valeron.com



www.efee.eu