



IABSE

International Association for
Bridge and Structural Engineering

Final Invitation

34th IABSE
Symposium on

Venice, Italy
September 22-24, 2010

Organised by
Italian Group of IABSE

Co-organised by



University IUAV
of Venice



Politecnico di
Milano

With



Politecnico di
Torino



University
Federico II

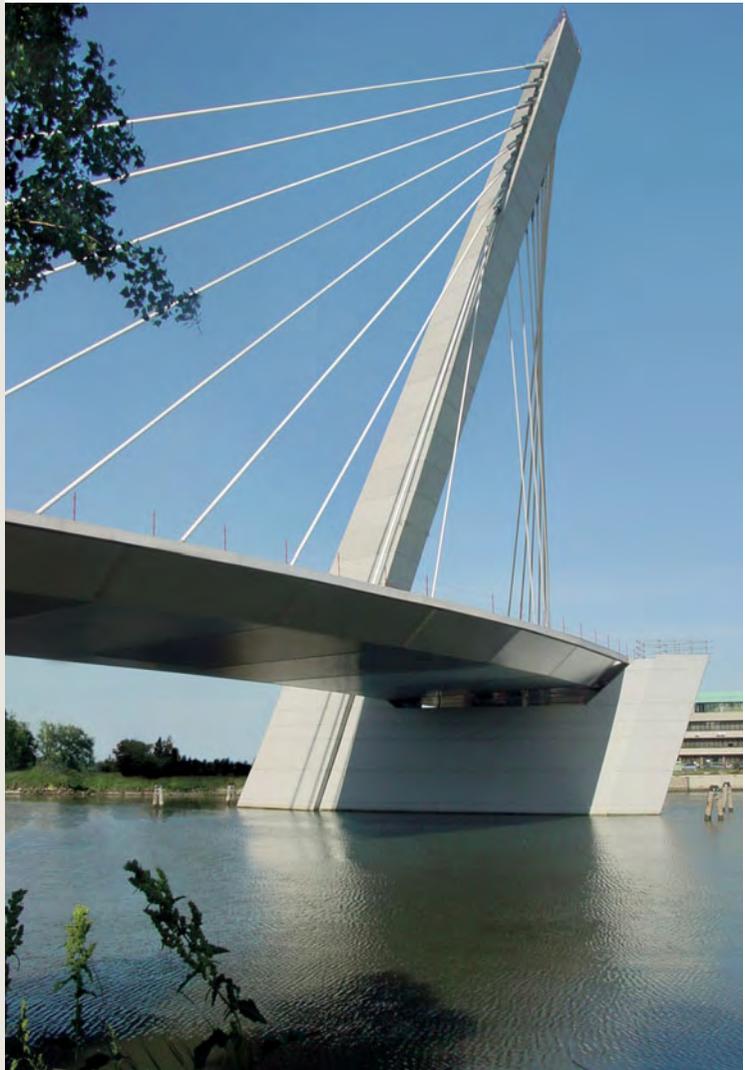


Università
La Sapienza



University
of Trento

LARGE STRUCTURES AND INFRASTRUCTURES FOR ENVIRONMENTALLY CONSTRAINED AND URBANISED AREAS





Gateway to the Dolomites



Gateway to the Seaside



Gateway to the Wine Roads



Gateway to the Venetian Villas Roads



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MESSAGE FROM PRESIDENT OF IABSE

No need to emphasise the architectural wealth of Venice, the old “Serenissima”, also called the Queen of the Adriatic, the City of Water, of Bridges, of Canals; everyone will select the way he feels to be the best and the most appropriate denomination at his first encounter with this fascinating city.

No doubt about the importance of the theme proposed by the Italian Group of IABSE for the 34th IABSE Symposium to be held in Venice in September 2010: building large structures and infrastructures for environmentally constrained and urbanised areas has become a major point of concern for politicians and engineers in our global world. For this purpose, the Technical Programme prepared by the Scientific Committee will cover all relevant aspects of the many challenges Civil Engineering has to face nowadays.

From the large number of abstracts received, this IABSE Symposium will be a fantastic opportunity for structural engineers, architects, designers, contractors, researchers, clients and developers from around the world to discuss the state-of-the-art of the construction industry and its emerging technologies.

In its commitment to disseminate knowledge of structural engineering worldwide, IABSE has a high interest in reaching young engineers, who are invited to take advantage of the Young Engineers Programme provided by IABSE and the Organising Committee. It offers reductions in registration fees and prizes to the two best authors presenting the best papers. Finally, companies and organisations representing the construction industry are invited to display their projects, products and services at the Commercial Exhibition which will be arranged at the entrance of the Symposium Venue.

The 2010 IABSE Symposium is definitely the professional event you cannot miss. I would like to express my sincere recognition and thanks to the Italian Group of IABSE, chaired by Professor Carlo Urbano - which decided to welcome, for the third time the annual event of IABSE in Italy.

Supported by the Universities of Venice and

Milan and in conjunction with Universities from Naples, Rome, Trento and Turin, the Organising Committee has also planned an interesting technical visit to the MOSE mobile floodgate system, as well as sightseeing tours, for both symposium participants and accompanying persons. Furthermore the Welcome Reception, Symposium Dinner and a special concert organised at the San Marco Cathedral, will be fine opportunities to meet and enjoy unforgettable moments.

I am greatly looking forward to meeting you in Venice at the end of the summer and to celebrating with you three years of Presidency.

Jaques Combault

 President of IABSE

MESSAGE FROM THE ORGANISERS

An IABSE Symposium is finally returning to Venice after an absence of thirty years.

Venice’s history and current status as a university city endorses it as a universal seat of culture. The universities of Ca’ Foscari and IUAV, the former renowned for its faculties of economics and languages and the latter one of the best-known schools of architecture in the world, are a source of pride for the city. In fact the University of IUAV boasts a school of bridges and special structures that has few rivals on the international scene and has recently hosted some leading international congresses on important issues regarding both civil engineering and architecture.

Venice can therefore be considered the ideal venue for the 34th IABSE Symposium, organised by the Universities of Venice, Milan and Trento, in conjunction with Turin, Rome and Naples.

Venice has a tradition of civil and hydraulic engineering which goes back thousands of years, as well as an outstanding history in keeping waterways, monumental buildings and structures of exceptional technical and artistic value in full working order. With its 450 bridges, Venice is the undisputed capital of this particular type of structure. Its most famous masterpieces include the Rialto Bridge, the Accademia Bridge, the Scalzi Bridge and the recently built Constitution Bridge. Another highly interesting feat of engineering is the rail and road link across the lagoon, which was accomplished in three different stages between 1850 and 1960. The construction of the railway bridge in the mid-nineteenth century and the road bridge, designed by Eugenio Miozzi, around 1930 (4km

constructed in 21 months) are of particular note.

In the last few years Venice has taken on the extraordinary challenge to protect the city from floods, thanks to the mobile floodgate system called MOSE, which is nearing completion.

Venice is the capital of the Veneto region, which is one of the most important and dynamic economic driving forces in the European Union.

So it comes as no surprise to learn that infrastructure projects have been especially intense in this area over the last few decades. Take, for example, the recent completion of the Mestre Bypass, part of Corridor 5 which connects the east and west of Europe, stretching from Kiev to Lisbon. The Italian section of this important European highway is being extended with the construction of motorways along the Veneto and Lombardy foothills, the Brescia-Bergamo-Milan link and other projects.

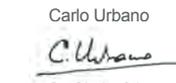
Today Italy ranks as an extraordinarily forward-looking country and is strongly committed to continually updating and modernising its main engineering and architectural works.

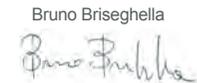
The Messina Bridge is a symbol of this drive and could transform social and economic growth in Calabria and Sicily, creating a new metropolis spanning the Strait between Reggio Calabria and Messina.

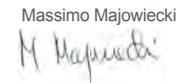
We are confident that the Venice Symposium will be an important scientific event, which will help promote scientific engineering at the very highest levels. We look forward to welcoming all those involved and the people accompanying them to the wonderful city of Venice and will do everything possible to make this event and your stay in Italy unforgettable.

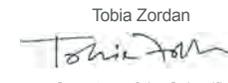
Enzo Siviero

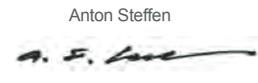
 Chair of the Organising Committee

Carlo Urbano

 Co-Chair of the Organising Committee

Bruno Briseghella

 Secretary of the Organising Committee

Massimo Majowiecki

 Chair of the Scientific Committee

Tobia Zordan

 Secretary of the Scientific Committee

Anton Steffen

 Chair of the Advisory Committee

COMMITTEES

Scientific Committee

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 Aad Van der Horst, Vice Chair, The Netherlands
 Tobia Zordan, Secretary Italy
 Bryan Adey, Switzerland
 Annette Boegle, Germany
 Christian Bucher, Austria
 Young Soo Chung, Korea
 Jeroen Coenders, The Netherlands
 Heiko Denk, Germany
 Salvatore Di Bernardo, USA
 Raghuram Ekambaram, India
 Christos Georgakis, Denmark
 Arndt Goldack, Germany
 Paulo Helene, Brazil
 Jun Kanda, Japan
 Franco Maceri, Italy
 Franco Mola, Italy
 Serge Montens, France
 Luis Oliveira-Santos, Portugal
 Heinz Pircher, Austria
 Limin Sun, China
 Tamon Ueda, Japan

Organising Committee

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 Politecnico di Milano
 Bruno Briseghella, Secretary
 University IUAV of Venice
 Agostino Cappelli, University IUAV of Venice
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 Vita Gennaro, University IUAV of Venice
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 Emanuele Reccia, University IUAV of Venice
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 Pierluigi Sacco, University IUAV of Venice
 Anna Saetta, University IUAV of Venice
 Xin Ruan, Tongji University
 Fulvio Zezza, University IUAV of Venice

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 Superintendence of Venice Cultural
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 Edoardo Cosenza
 University Federico II di Napoli, Italy
 Paolo Costa, Venice Port Authority, Italy
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 Wylford Consortium, Italy
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 Ercole Incalza
 Ministry of Infrastructures
 and Transportation, Italy
 Giuseppe Mancini, Politecnico di Torino, Italy
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 Robert Silman Associates, USA
 Fabrizio Vestroni
 University La Sapienza of Rome, Italy
 Mario Virano
 Commissario Straordinario del Frejus, Italy
 Riccardo Zandonini
 University of Trento, Italy
 Qilin Zhang, Tongji University, China

TECHNICAL PROGRAMME

The Technical Programme of this IABSE Symposium will include the Opening Ceremony, Keynote Lectures, Oral and Poster Presentations from around the world and Closing Ceremony.

Themes and Topics

The Symposium intends to focus on the general theme of infrastructure within a densely populated context characterised by environmental and social constraints, assuming this as condition shared by almost all of the so called developed and all the developing countries. Oral and poster sessions will cover the following topics:

1. Basis of Design

- Conceptual and performance-based design
- Construction experiences and feedback
- Sustainability and durability of structures and infrastructures
- Innovative and recycled materials for the development of infrastructures
- Design codes, specifications and contracting
- Financing major infrastructure projects
- Case histories (bridges, roofs, buildings, railways, tunnels, wide span enclosures, harbours, airports, dams, plants, large landscape modifications due to infrastructure placements, recycling plants and dumpings).

2. Infrastructure Hazard and Safety Concepts

- Reliability analysis and risk management
- Parametric sensitivity analysis
- Advanced structural analysis
- Optimisation techniques
- Design assisted by testing
- Accidental loading and extreme events.

3. Management and Planning of Operation and Maintenance

- Maintenance strategies
- Condition and structural assessment

- Structural health monitoring
- Structural identification and modelling optimisation
- Repair and strengthening
- Execution, supervision and control of maintenance and repair works.

4. Infrastructure Design as a Meeting Point for Architecture and Engineering

- The aesthetics of infrastructures: structural art or architectural engineering
- Form finding and free form design
- The infrastructure as a piece of land art
- Value functional analysis of infrastructures
- Reuse of abandoned or polluted urban areas
- Environmental impact assessment of buildings and infrastructures.

5. Ethics and Social Responsibility

- Ethics and aesthetics values in design
- Ethics and social behaviour of firms and companies
- Risk management in building processes
- Performance of social liability.

Conference Report

All registered attendees will receive, together with their delegate bag, the Symposium Report. The Report will include a printed short version of the papers accepted by the Scientific Committee and the CD-ROM with the corresponding full version. Keynote Lectures will be printed in full version.

Keynote Lectures

During the Symposium's Opening Ceremony and Plenary Session keynote lectures, covering the different symposium main subjects, will be presented by:

Giorgio Diana

Politecnico di Milano, Italy
The Messina Straits Bridge: Major Problems Affecting the Design

Jiemin Ding

Tongji University, China
The Practice of Design of Large-span Building Structures in Recent Years

Klaus Ostenfeld

COWI Consult, Denmark

An Integrated Multidisciplinary Approach to Design of Major Fixed Links

Invited Lectures

During the Symposium's Parallel Sessions Invited Lectures will be presented by:

Corrado Baldi

Politecnico di Milano, Italy

Traceability of construction materials to maximise durability and safety issues preventing from seismic risks.

Enzo Siviero

University IUAV of Venice, Italy

An innovative technique for the lifting of existing regular and monumental buildings in Venice – structural, social and economical implications.

SYMPOSIUM PROGRAMME

Time	Tuesday September 21	Wednesday September 22	Thursday September 23	Friday September 24
08:00 09:00		Registration	Registration	Registration
09:00 10:30		Opening Ceremony Keynote Lecture	Parallel Session	Parallel Session
10:30 11:00		Poster Session Coffee Break	Poster Session Coffee Break	Poster Session Coffee Break
11:00 12:30		Plenary Session Keynote Lectures	Parallel Session	Closing Ceremony Keynote Lecture
12:30 13:30		Lunch	Lunch	
13:30 15:00	Registration	Parallel Session	Parallel Session and Invited Lecture on "Traceability of Building Materials"	Special Public Session on L'Aquila, Haiti and Chile Earthquakes
15:00 15:30		Poster Session Coffee Break		
15:30 17:00		BASAAR		
18:30 20:00		Welcome Reception	Symposium Dinner and Concert	
21:00 23:00		Young Engineers Progr. Social Event		

YOUNG ENGINEERS PROGRAMME (YEP)

In order to encourage active participation of young engineers at the symposium, the Organising Committee and the IABSE Fellows offer a series of benefits to participants born in 1975 or later:

- 'Young Engineers' registration fee.
- Two prizes of €2000 each for two outstanding contributions, either oral

or poster, authored and presented by a young engineer. The prizes are sponsored by the IABSE Fellows and presented at the Closing Ceremony of the Symposium.

- Free IABSE membership for the year 2011, including one year subscription to Structural Engineering International.

- Networking with the IABSE Fellows, identified with a "Yellow Dot" on their namebadge.
- YEP Social Event is an opportunity for young engineers to meet up in a social atmosphere.

IMPORTANT DATES

- **May 15, 2010**
Notification of paper acceptance
- **June 30, 2010**
Early Registration
- **September 19-21, 2010**
IABSE Annual Meetings
- **September 22-24, 2010**
Symposium

COMMERCIAL EXHIBITION

A Commercial Exhibition for companies to display their projects, products and services will be hosted during the symposium.

Companies and organisations interested in exhibiting are invited to contact the Symposium Secretariat at: iabse2010@iuav.it

The Commercial Exhibition will be arranged at the entrance of the Symposium Venue.

All exhibitors and sponsors will be acknowledged in the Final Programme.

LANGUAGE

The official language at the Symposium will be English and no simultaneous translation will be provided.

SYMPOSIUM VENUE

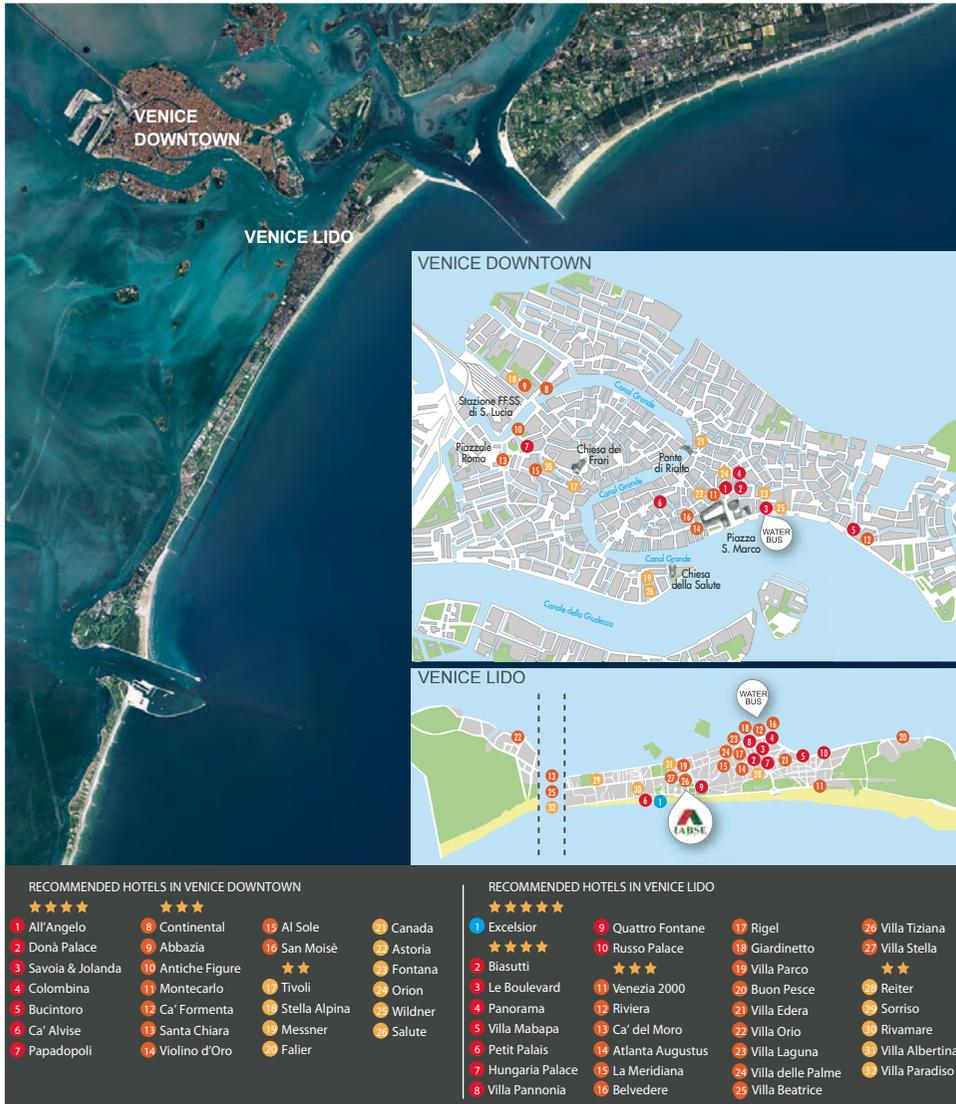
The Symposium will be held in the Casino and Palazzo del Cinema in Venice Lido, Lungomare Marconi 90, from Wednesday, September 22 to Friday, September 24, 2010.

PARTICIPANTS

The Symposium is intended for civil and structural engineers, architects and associated professionals interested in the latest achievements and developments in research, design, construction, monitoring, maintenance and performance of infrastructure works. Participants will be researchers, designers, consultants, owners, contractors, operators, suppliers, representatives of regulatory authorities and any other interested persons. Social and ethical responsibilities of all subjects involved in the mentioned activities will also be considered and addressed.



Palazzo del Cinema - Symposium venue



REGISTRATION

Send the completed Registration Form together with your proof of payment to the Conference Secretariat by

fax: +39 02 3206 66 81
e-mail: iabse2010@wylford.com

Registration form is available at the last page of this invitation or for download at www.iabse.org/venice2010.

Note: Authors of accepted papers are expected to register prior to July 30, in order to have their papers published and presented.

Registration Fees

The Registration fee for Participants includes:	Accompanying Persons registration includes:
<ul style="list-style-type: none"> • Opening and Closing Ceremony • Admission to all Technical Sessions • Admission to Commercial Exhibition • Delegate Bag • Final Programme • Conference Report Book and CD • Welcome Reception • Coffee Breaks • Conference Lunches 	<ul style="list-style-type: none"> • Opening and Closing Ceremony • Admission to Commercial Exhibition • Welcome Reception

The Technical Visit to the moveable dams of the MOSE system at the Venice lagoon inlets is not included in the registration fees.

The Symposium Dinner fee is not included in registration fee.

	Early Registration Before June 30, 2010	Standard Registration From July 1, 2010
IABSE-Members	€ 670	€ 770
IABSE Non-Members	€ 800	€ 900
Young Engineers	€ 300	€ 450
Accompanying Persons	€ 170	€ 220
Symposium Dinner and Concert	€ 120	€ 120
Technical Tour to the MOSE	€ 80	€ 80
Technical Tour to Bridges and Special Structures	€ 80	€ 80
Special Final Session on L'Aquila, Haiti and Chile Earthquakes	included	included

Payment

For bank transfers: a copy of the bank transfer record must accompany the Conference Registration Form.

Personal cheques will not be accepted. All payments must be in EURO by:

- **credit card** (Visa, MasterCard, JCB)
- **bank transfer to:**
Bank name & address: Intesa San Paolo - Piazza

San Babila 2-8, 20122 Milano - MI (Italy)

IBAN Code:

IT77 Z030 6909 5261 0000 0000 487

SWIFT Code: BCITITMM300

Account Holder's Name: Consorzio Wylford

Reference: IABSE 2010-Full name of participant

Confirmation of Registration

Confirmation will be sent on receipt of Registration Form and proof of payment.

Cancellation Policy

Cancellations of conference registration, social tours and events must be made in writing to the following address:

Consorzio Wylford, Via Uberto Visconti di Modrone 38, 20122 Milano - Italy.

Cancellations received prior to July 31, 2010 will receive a full refund of the registration fees minus an administration charge of €70. The refund will be paid after the Conference. After July 31, 2010, no refund will be issued. However, the delegate bag, Final Programme, and Conference Report with CD will be mailed to each cancelling participant after the symposium.

Registration and Information Desk

There will be a Registration and Information Desk, at the venue and will be open from Tuesday afternoon. Attendees will also be able to register for technical and social tours and social events. Our staff at the Registration Desk will be pleased to give you all the necessary assistance and information.

Name Badges will be given to all the delegates and accompanying persons with their delegate bags. It is required that all delegates wear their name badge at all times including during social events. Entry tickets will be provided for all social and optional events.

Invitation Letters

Individuals requiring an official Letter of invitation in order to obtain visa and authorisation to attend the symposium should contact the Conference Secretariat at iabse2010@iuav.it.

Please include complete contact information including your address in your request.

The invitation does not financially engage the Conference organisers; all expenses incurred are the sole responsibility of the participant.

Visas and Passports

Foreign participants travelling to Italy are encouraged to find the necessary information on required documents to enter Italian territory.

Please check in advance if a passport and visa are required by visiting the website of the Italian Ministry of Foreign Affairs at http://www.esteri.it/visti/index_eng.asp.

It is recommended that you include a copy of the invitation letter to the Symposium with your visa application.

Disclaimer

This programme is correct at the time of printing. The Organisers reserve the right to modify the programme as deemed necessary.

ACCOMMODATION

A large number of small and medium size hotels provide charming accommodation in Venice Lido and Venice Downtown.

A number of selected two to five star hotels are available for online booking in Lido and Downtown. Hotel rates vary from €95 per night to a maximum of €300 per night.

To benefit from the special hotel rates, reservation must be made by online booking at the following web site before June 30, 2010:

www.iabse.org/venice2010 and clicking on "accommodation" link.

Conditions for reservations and cancellations are given at the above-mentioned site.

During the Symposium, a shuttle bus service will be arranged in the morning to pick up all participants from the different hotels to bring the delegates to the Symposium Venue.

SOCIAL PROGRAMME

The Social Programme for participants and accompanying persons includes a Welcome Reception, Symposium Dinner and Concert and social event for young engineers.

Welcome Reception

The Organising Committee invites all participants and accompanying persons to join them at the Welcome Reception in the marvellous Chiostrò di San Nicoletto on Wednesday evening, September 22.

The complex date to the origins of the independent Venice, in the early Middle Ages. The church, with a single nave, is annexed to a convent and a cloister, all dating to the 16th century.

The Baroque campanile was erected in 1626-1629.

The façade is surmounted by a statue of Doge Domenico Contarini, who patronised the convent. The interior houses are works by Palma il Vecchio (Madonna with Child)

and Palma il Giovane (San Giovannino). Please confirm your attendance in the Registration Form.

Young Engineers Social Event

A gathering for all participants, arranged by the Young Engineers Board of the IABSE will be on Wednesday evening September 23, after the Welcome Reception. Please confirm your attendance in the Registration Form.

Conference Dinner and Concert

The Conference Dinner will be organised on Thursday evening September 23. Please confirm your attendance in the Registration Form. Tickets will be available at the Registration Desk (€120/person).

A guided tour to the mosaics of the San Marco Basilica accompanied by classic Venetian Music will be offered with the dinner.



SOCIAL TOURS

A selection of English guided to marvellous destinations of great historic and cultural interest in the District of Venice are offered to both participants and accompanying persons. Please confirm your attendance in the Registration Form.

Further information at: iabse2010@veneziasi.com

1



Venice Island Murano Burano Torcello (8 hrs)
September 22, minimum 35 persons
Guided tour including:

- private water bus
- group assistant
- entrance to the museums
- lunch at restaurant on the island

€ 95

2



Venice Island HALF DAY (4 hrs)
September 22, minimum 35 persons
Guided tour including:

- private water bus
- group assistant
- entrance to the museums.

€ 36

3



Venice Walking Tour (2 hrs)
September 21, minimum 15 persons
Palazzo Ducale, San Marco Dome
Guided tour including:

- group assistant
- entrance to the museums with audio guides

€ 25

4



Venice Walking Tour, Bacaro Tour (4 hrs)
September 21, minimum 15 persons
Guided tour including:

- group assistant
- authorised guide 2 hrs
- entrance to the museums with audio guides
- stop at 3 typical Venetian Bacari (Bars)

€ 52

5



Venice Walking and Gondola Tour (4 hrs)
September 21, minimum 15 persons
Guided tour including:

- group assistant
- authorised guide 2 hrs
- entrance to the museums with audio guides
- Gondola ride 35 minutes (max. 6 persons each gondola)
- lunch at restaurant in Venice centre

€ 105

6



Verona Excursion (8 hrs)
September 20, minimum 35 persons
Guided visit around the city centre including Romeo and Juliet's house and to Arena.
Guided tour including:

- bus ride and parking in Verona (50 seats)
- group assistant
- authorised guide (2 1/2 hrs)
- entrance to the museums
- lunch at restaurant in Verona

€ 95

7



Padova Excursion (8 hrs)
September 20, minimum 35 persons
Guided tour including:

- bus ride and parking in Padova (50 seats)
- group assistant
- authorised guide at Cappella degli Scrovegni
- entrance to the museums
- lunch at restaurant in Padova

€ 100

8



Trieste Excursion (8 hrs)
September 23, minimum 35 persons
Guided visit around the city centre including the Miramare Castle.
Guided tour including:

- 8 hours bus ride to Trieste
- group assistant
- authorised guide
- entrance to the museums
- lunch at restaurant in Trieste

€ 105



9

Florence excursion, walking tour (2 days)
 September 22-23
 Academy Museum, historical streets, centre of Florence, Cathedral of Santa Maria del Fiore, Brunelleschi's dome
 Guided tour including:

- tour leader from Venice
- 1 night B/B in central 3star hotel in double room
- 2 city guided tours (with English-speaking guides) 3 hrs each, audio guide
- 2 lunches in central restaurants
- dinner in a central restaurant

minimum 35 person € 320
 minimum 50 person € 280
 suppl. for single room + € 47



10

Rome Excursion (2 days)
 September 21-22,
 Vatican Museums, Sistine Chapel, Imperial Rome
 Guided tour including:

- tour leader from Venice (2 days)
- 1 night in a 3star hotel (breakfast included), in double room
- 2 lunches in central restaurants
- 1 dinner with evening show in a typical restaurant
- 2 city guided tours (with English-speaking guides) 3 hrs each
- bus GT is available

minimum 35 person € 358
 minimum 50 person € 318
 suppl. for single room + € 39



11

Portonovo Excursion (2 days)
 September 25-26, minimum 4 persons
 1st day: transfer from Venice
 2nd day: Palazzo Ferretti, ancient house of Mastai Ferretti family - Pope Pio IX peerage
 3rd day: guided visit to the famous Portonovo church, then departure back to Venice
 Guided tour including:

- private bus from Venice to Portonovo and back
- transfer services
- overnights stay and meals
- English speaking assistance
- 2 overnights in double for single use at Hotel Fortino Napoleonico in Portonovo

€ 735



12

Trieste Excursion (2 days)
 September 23-24, minimum 35 persons
 Guided tour including:

- sail from Venice to Trieste by yacht
- bus ride and parking from Trieste to Castello di Miramare e Tour Collio
- authorised guide
- lunch at restaurant in Trieste/Collio
- 1 night in a 3star hotel (breakfast included) in double room
- lunch in restaurant overlooking the sea
- dinner

€ 492



13

Asolo Excursion (2 days)
 September 24-25, minimum 20 persons
 Guided tour including:

- bus GT from Venice
- tour leader from Venice (2 days)
- 1 night in a 3star hotel (breakfast included) in double room
- 2 lunches in typical restaurants
- 1 dinner
- 2 guided tours (3hrs each with English-speaking guides)

€ 368
 suppl. for single room + € 50



14

Cortina Excursion (3 days)
 September 25-27, minimum 25 persons
 Guided tour including:

- bus GT from Venice
- tour leader from Venice
- 2 nights in central 4star hotel (half-board) - double occupancy
- 2 lunches in typical restaurants
- 2 guided tours (3hrs each with English-speaking guides)

€ 590
 suppl. for single room + € 55

Prices of all above listed excursions are per person in double room for double occupancy (in case of double room occupied by 2 persons, price of package has to

be multiplied by two). If you need to be accommodated in single room, please add the supplement for single room to the price per person in double room.

TECHNICAL VISITS

Technical visits to outstanding structures in Venice and surroundings will be arranged for delegates and accompanying persons.

POST SYMPOSIUM TOURS

The post tour program will allow delegates and guests to explore a number of astonishing spots in Italy.

For more information and reservation:
www.iabse.org/venice2010.



The MOSE System (moveable dams) for the defence of the city from high water

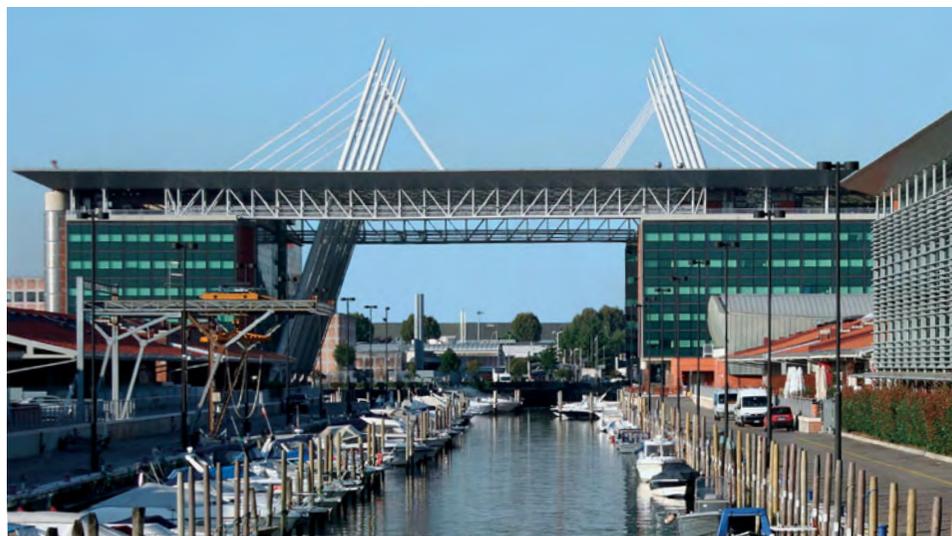


Granatieri di Sardegna Bridge in Venice-San Donà



IVth Bridge over the Grand Canal

Marghera Bridge



Laguna Palace



Laguna Palace, detail

TRAVEL INFORMATION

The city of Venice, in Northeastern Italy, was originated before the Middle Ages by local people trying to find a safe refuge from the invasion of the Huns and consequently sheltering themselves and creating their residence on an increasing number of artificial islands in the middle of the still existing Venetian lagoon. Originated by local communities bound by a common interest of safety, the Venetian Republic, or the “Serenissima”, had a fast development and was one of the most powerful maritime cities in the world from the 13th until the 17th century, founding his power on the commerce of goods such as silk, spices, grains and precious stones.

The Serenissima enlarged his eastern influence until China, where important and lasting cultural and economical relationships were established. Downtown Venice, nowadays, is still one of the most incredible and unique cities in the world, with an priceless legacy in terms of art and culture. His six districts, called “Sestieri”, namely Cannaregio, Castello, Dorsoduro, San Marco, San Polo and Santa Croce, represent a real anthology of all artistic styles from Byzantine to Baroque. Visited every year by millions of mesmerised tourists, with its 400 bridges on more than 150 canals linking 117 islands, its countless number of churches, museums and palaces, Venice represents a huge attraction for all kinds of people.

Today, The city of Venice, with his incommensurable artistic legacy coming from the past, is deeply involved in a process of change, being the stage for numerous achievements and even more remarkable projects. Examples of these projects are the new cable-stayed bridge in the commercial harbour, the huge building yard for the movable dams (MOSE) at the lagoon inlets, the new motorway bypass, the future underground beneath the lagoon (connecting the historic Venice with Mestre), the stretch of the city resting on the mainland), the Venice Gateway at the airport, the tramway network, the “people mover”, the new hospital and the new football arena.



San Marco bell tower



The entrance of Arsenale



Private water busses

All the mentioned large-scale projects are linked to a number of small “environmentally friendly” projects meant to compensate their environmental impact, such as the new city parks and a new urban wood, quite unique in Europe.

We believe Venice – with its extremely fragile urban fabric, suspended between sea and land, hovering between reverence to the past and struggle towards the future – to be the ideal location for a Symposium on large infrastructures and how they can relate to their environment and context.

The Venetian experience, in a reduced scale but with extreme connotations, is undoubtedly representative of the Italian

condition, namely the one of a country that within an intrinsic and ineluctable development process has to deal on one side with one of the highest concentration of artworks, monuments and historic buildings in the world, and on the other with an extremely valuable and varied natural environment.

Modern Venice, with a population of more than 270.000 including also the newer area of Mestre on the mainland, with the third Italian airport and the third Italian commercial harbor, represents the heart of the “Italian Northeast”, the most important area for the economy of the Country together with the region of Milan.

TRANSPORTATION

In Venice there are no cars, you have to walk or use a boat. There are water busses or taxi boats. Some hotels have private landings. Only on Venice Lido you find cars, public buses and taxis.

Arrival by Air

In the Airport arrival hall there is a IABSE information desk for assistance (open from 09:00am to 6:00pm)

Cost of Transportation by Water Taxi to Venice or Lido starts from € 90 for up to 8 passengers. Only few hotels have private landings with porters. Be prepared to walk with your luggage to reach the hotel. The taxi

driver cannot carry your luggage to the hotel. However, there are many landings available and walking distance should not be more than 100 meters for most hotels.

Transport by Water Bus to Venice or Lido costs about € 13 one way per passenger. Upon arrival you most likely have to walk with your luggage a few hundred meters to your hotel. On Lido, you can take a taxi or bus.

To reach the landing for the water bus or the taxi boats, leave the arrival hall and follow the covered walkway. It is about a 300 meters walk. Trolleys are provided for your luggage. Tickets for water bus and water taxi can be



Santa Lucia Train Station



Marco Polo International Airport

bought in the arrival hall. There is an ATM in the arrival hall accepting most credit cards and Plus- and Maestro-Cards.

Alternatively, you may travel by bus or taxi to Piazza del Roma, and from there proceed to your hotel by foot, water bus or taxi boat.

Arrival by Car

You can reach the Lido with a Ferry leaving from Tronchetto Island Check with your hotel if parking is provided.

There is a car park at approximately € 30,00 per day.

Arrival by Train

Depart from Venice Santa Lucia Railway Station and proceed to your hotel by foot, water bus or taxi boat.

Climate

During September, average air temperature is approximately 20°C with some rain showers.



Language

Official spoken and written language is Italian. English is widely spoken and understood. Main European languages are understood and spoken in most hotels, shops and restaurants as well as in major tourist destinations.

Currency

The currency in Italy is Euro (€).

Time

The time in Italy is one hour ahead of Greenwich Mean Time (GMT).

Electricity

The electrical supply is 220 volts and 50 Hz. Connection for appliances is a 2 round-pin plug.

IABSE ANNUAL MEETINGS

Annual Meetings are scheduled prior to the Symposium from September 19 to September 21, 2010. Schedule is as follows:

September 19, 2010 (Sunday)

- 13:00-17:00 Annual Meetings Desk open
- 13:00-17:00 Administrative Committee (1), OStrA Committee, Foundation Council

September 20, 2010 (Monday)

- 08:00-18:00 Annual Meetings Desk open
- 08:30-12:00 Technical Committee (1) Sub-Groups Executive Committee
- 12:00-13:30 Lunch (at own cost)
- 13:30-17:00 Executive Committee Working Commission 1-7
- 18:30-20:00 Reception of the President of IABSE

September 21, 2010 (Tuesday)

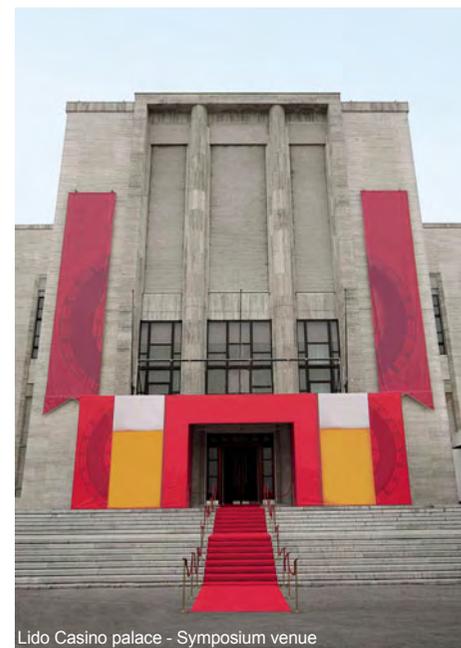
- 08:00-18:00 Annual Meetings Desk open

- 08:30-12:00 Technical Committee (2)
 - Scientific Committee Venice 2010
 - Scientific Committee London 2011
 - Scientific Committee Egypt 2012
 - Scientific Committee Seoul 2012
 - SEI Editorial Board
 - SED Editorial Board
 - YEP Board
 - E-Learning Board
 - Advisory Group to the ExC
- 11:30-14:00 SEI Correspondents
- 12:00-13:30 IABSE President's Lunch (by invitation) Lunch (at own cost)
- 14:00-17:00 Working Group 1-7
 - Permanent Committee and Chair
 - National Groups
- 18:30-20:30 Reception of the Chair, Italian Group of IABSE

September 22, 2010 (Wednesday)

- 12:30-13:30 Awardees Lunch (by invitation)

Administrative Committee (2) to be decided



Lido Casino palace - Symposium venue

ANNUAL MEETINGS VENUE

The Annual Meetings will be held in the Casino Palace in Venice from Sunday, September 19 to Tuesday, September 21, 2010.

ABOUT IABSE

The International Association for Bridge and Structural Engineering was founded in 1929. Today IABSE has about 4000 members in over 100 countries.

The mission of IABSE is to promote the exchange of knowledge and to advance the practice of structural engineering worldwide in the service of the profession and society.

To accomplish the mission IABSE organises conferences and publishes the quarterly journal *Structural Engineering International (SEI)*, as well as reports and other monographs.

IABSE also presents annual awards for outstanding achievements in research and practice that advance the profession of structural engineering.

More information about IABSE can be found at:

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FURTHER INFORMATION

All additional inquiries should be addressed to:

IABSE Venice 2010 Secretariat
Organising Committee
c/o Università IUAV

Ufficio Promozione Eventi e
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Tolentini 191, Santa Croce
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Fax: +39 041 2571744
iabse2010@iuav.it
www.iabse.org/venice2010

REGISTRATION FORM

Prof. Dr. Mr. Ms.

Name _____

Function _____

Organisation _____

Address _____

City _____ Postal code _____

Country _____

Telephone _____

Fax _____

Email _____

I will present the paper(s) with ID Number:

REGISTRATION FEES*

	Early Registration Before June 30, 2010	Standard Registration From July 1, 2010
IABSE Members	<input type="checkbox"/> € 670	<input type="checkbox"/> € 770
IABSE Non-Members	<input type="checkbox"/> € 800	<input type="checkbox"/> € 900
Young Engineers	<input type="checkbox"/> € 300	<input type="checkbox"/> € 450
Accompanying Persons	<input type="checkbox"/> € 170	<input type="checkbox"/> € 220
Symposium Dinner and Concert	<input type="checkbox"/> € 120	<input type="checkbox"/> € 120
Technical Tour to the MOSE	<input type="checkbox"/> € 80	<input type="checkbox"/> € 80
Technical Tour to Bridges and Special Structures	<input type="checkbox"/> € 80	<input type="checkbox"/> € 80

* 20% V.A.T. included

TOUR RESERVATION

check your tour, your preference for single or double room			
<input type="checkbox"/> 1	<input type="checkbox"/> 4	<input type="checkbox"/> 7	<input type="checkbox"/> 11
<input type="checkbox"/> 2	<input type="checkbox"/> 5	<input type="checkbox"/> 8	<input type="checkbox"/> 12
<input type="checkbox"/> 3	<input type="checkbox"/> 6	<input type="checkbox"/> 9 <input type="checkbox"/> D/S	<input type="checkbox"/> 13 <input type="checkbox"/> D/S
		<input type="checkbox"/> 10 <input type="checkbox"/> D/S	<input type="checkbox"/> 14 <input type="checkbox"/> D/S

TOTAL PAID: € _____

Send the completed Registration Form together with your proof of payment to the Conference Secretariat by

fax: +39 02 3206 66 81

e-mail: iabse2010@wylford.com

More information about IABSE can be found at:

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In cooperation with:



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TOUR SCHEDULE

September 20: 6, 7	September 24: 12, 13
September 21: 3, 4, 5, 10	September 25: 11, 13, 14
September 22: 1, 2, 9, 10	September 26: 11, 14
September 23: 8, 9, 12	September 27: 14



