

[www.internoise2010.org](http://www.internoise2010.org)  
 first announcement and call for papers



**inter.noise 2010**  
 13-16 June 2010 - Lisbon - Portugal

**39<sup>th</sup> International Congress  
 on Noise Control Engineering**  
*noise and sustainability*

**Co-organized by**  
 Portuguese Acoustical Society (SPA)  
 Spanish Acoustical Society (SEA)

**In cooperation with**  
 Laboratório Nacional de Engenharia Civil (LNEC)  
 Instituto de Acústica (CSIC)

**Sponsored by**  
 International Institute of Noise Control Engineering (I-INCE)

**WELCOME MESSAGE**

Dear Colleagues

INTER-NOISE 2010, the 39th International Congress and Exposition on Noise Control Engineering, will be held in Lisbon, Portugal, from 13-16 June, 2010. The Congress is sponsored by the International Institute of Noise Control Engineering (I-INCE), and is co-organized by the Portuguese Acoustical Society (SPA) and the Spanish Acoustical Society (SEA). The Congress venue will be the modern Lisbon Congress Centre, located on the north bank of the River Tagus in a new rehabilitated tourist waterfront area, full of amazing gardens and esplanades.

Despite the fact that the Congress will be held in Lisbon, it represents the involvement of all the Iberian Peninsula. The main theme of the Congress is Noise and Sustainability. Everyone knows that the societal development creates noise as a by-product. Sustainability enforces and highlights the need to preserve the future generation's stability and existence, without compromising the global development. The junction of these aspects sets up a strong responsibility for all acoustic community as a whole.

Spread over seven hills, Lisbon boasts over 2000 years of History, witnessed by many monuments and historical sites well worth exploring. From Roman town to capital of the Discoveries, evidence of this rich historical background is there to be explored. Lisbon is also an exciting cultural city, offering an array of events from museums, to theatres, to music festivals catering for all tastes. With average temperatures rising well above the 20 °C mark, June is the perfect time to visit this bustling metropolis. By day or by night, there will always be monuments, historical landmarks, shopping centers, cultural sites or open-air locations to be enjoyed. Having all this potentialities, Lisbon is an ideal and pleasant location for the Congress.

The INTER-NOISE 2010 Congress will provide a great opportunity to make contacts and exchange ideas on various fields of acoustics and vibration, such as: Building and Environmental Acoustics, Education, Psycho and Physiological Acoustics, Speech, Measurement and Analysis, Equipments, Noise and Vibration Tools, Material and Technologies for Noise and Vibration Solutions. Many distinguished speakers will share their knowledge and experience with the participants. A large number of exhibitors are expected to attend the Congress showing and promoting their latest tools, equipments and recently developed materials. Short courses on emergent and important themes are also planned.

In addition, the Congress will also provide a wide range of social activities as well as pre and post Congress tours to wonderful and fascinating places, such as Madeira and Azores archipelagos.

INTER-NOISE 2010 will be a very important and fruitful event, and surely a great opportunity to promote and show the scientific research and development of noise control engineering in various fields of applications, to meet old friends and make new acquaintances and partnerships.

Looking forward to meet you all in Lisbon  
 Jorge Patrício (SPA)  
 Antonio Pérez-López (SEA)  
 Co-Presidents, INTER-NOISE 2010



## TECHNICAL TOPICS

1. Acoustical Metrology
2. Active Noise and Vibration Control
3. Aeroacoustics and Fan Noise
4. Aircraft Noise Modelling and Control
5. Animal and Bioacoustics
6. Community Noise
7. Costs and Benefits of Noise Control
8. Effects of Sound and Vibration on Humans
9. Environmental Noise Exposure
10. Hearing Protectors
11. Infrasound and Ultrasound
12. Instrumentation and Standards
13. Legislation and Noise Control Policies
14. Musical Acoustics
15. Noise Control Materials
16. Noise Propagation in Ducts and Pipes
17. Non-linear Acoustics
18. Numerical and Computational Techniques
19. Psychological and Physiological Acoustics
20. Room and Building Acoustics
21. Signal Processing and Analysis
22. Soundscape
23. Sound Quality
24. Speech and Sleep Disturbance
25. Transportation Noise
26. Tyre, Road and Rail Noise
27. Underwater Acoustics
28. Vibroacoustics, Isolation and Damping

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Victor Espinosa (Spain)



## IMPORTANT DATES

### January 15th, 2010

Deadline for receipt of abstracts

### March 1st, 2010

Acceptance notification

### April 1st, 2010

Deadline for the receipt of the complete manuscripts

### June 13 – 16, 2010

Congress dates

## CALL FOR PAPERS

Papers related to the technical areas listed above are especially welcome for presentation at the INTER-NOISE 2010 Congress, but technical papers in all areas of noise and vibration control may be submitted for inclusion in the technical program. Abstracts must be submitted in the format described in this announcement. The deadline for the receipt of the abstract is January 15th, 2010. Notification of the paper's acceptance will be sent to authors on March 1st, 2010. Manuscripts for publication in the conference proceedings are due on April 1st, 2010.

Manuscripts must be prepared according to the format described on the Congress home page. Final manuscripts must be submitted in PDF or MS-word format by April 1st, 2010.

For the sake of guaranteeing a correct display of text, figures, symbols and equations in final manuscripts, the submission of final manuscripts in PDF format is preferred. All registrants for INTER-NOISE 2010 will receive a printed booklet containing all abstracts, the final technical program, and a CD that will include all INTER-NOISE 2010 papers. The Congress organizers reserve the right to schedule papers for the appropriate sessions and presentation format, i.e., poster sessions versus oral presentation in technical sessions.

Abstracts can be submitted through the registration link on the Congress web site: [www.internoise2010.org](http://www.internoise2010.org). The format requirements for the submitted abstracts are listed as below:

1. Paper title (20 words maximum)
2. Subject Classification
3. First author's name, address, phone number, fax, and email for correspondence
4. Additional authors' names and addresses (if any)
5. Indicate specific type of paper
  - invited paper or contributed paper
  - prefer oral or poster presentation
6. Text of the abstract, not exceeding 250 words, and a minimum of 100 words. The text should include:
  - A brief introduction of the problem being addressed
  - Importance of the problem
  - Method of the development used for problem solving
  - Original contribution of the work
  - Conclusions



## CONGRESS SECRETARIAT

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Website:

<http://www.spacustica.pt/internoise2010>



## GENERAL INFORMATION

### SOCIAL PROGRAM

**Sunday, June 13**

**16:00-21:00 hrs**

Opening Ceremony with typical cultural performance and welcome cocktail party at the Lisbon Conference Center

**Monday, June 14**

**19:30-21:00 hrs**

Institutional reception "Oporto of Honor" at Municipal Garden

**Tuesday, June 15**

**19:00-23:30 hrs**

Congress banquet

**Wednesday, June 16**

**17:00-18:30 hrs**

Closing ceremony with farewell cocktail at the Lisbon Conference Center

### EXPOSITION AND SPONSORSHIP

The organizers invite all the companies and organizations to market their services and products at the congress exhibition.

If you are interested in the exhibiting at INTER-NOISE 2010 or possibilities to sponsor the Congress, please contact the Congress Secretariat.

### LANGUAGE

The official language of the Congress is English

### WEATHER

The average temperature in Lisbon in June is 20 °C (68 °F). The average highest temperature is 25 °C (77 °F), and the average lowest temperature is 15 °C (59 °F). June is the perfect time to stay and visit.

### ABOUT LISBON

Lying on the Tagus north bank, Lisbon (or Lisboa, to its natives) smiles to arriving visitors from the top of its gleaming red roofs. At this time of year (June), the light of Lisbon is the first thing one notices when flying in. The either white or brightly colored buildings reflect the sunlight, that, by then, should intensely warm up Portugal's capital. With average temperatures rising well above the 20 °C mark (68 °F), June is the perfect time to visit this bustling metropolis. By day or by night, there will always be monuments, historical landmarks, shopping centers, cultural sites or open-air locations to be enjoyed.

This month, the capital has its municipal festivities that celebrate the patron Saint of Lisbon, St. Anthony. This festive momentum lends itself to the whole of June, when the typical old Lisbon boroughs gown themselves proudly with colorful ornaments in their squares and windowsills.

Spread over seven hills, Lisbon boasts over 2000 years of History, witnessed by many monuments and historical sites well-worth exploring. From Roman town to capital of the Discoveries, evidence of this rich historical background is there to be explored.

Lisbon is also an exciting cultural city, offering an array of events from museums, to theatres, and to music festivals. In June, Lisbon also hosts its annual Book Fair (Feira do Livro).

### CONGRESS VENUE

INTER-NOISE 2010 will take place at the Lisbon Congress Centre. Overlooking the Tagus river in a prestigious area of the city, nearby the historical quarter Belém / Alcântara, the Centre is located in a renovated waterfront, full of restaurants and esplanades, at walking distance from 3 important Hotels and at 20 minutes from the Lisbon International Airport. The Centre can be easily reached by Bus or Tramway (10 minutes in average) from other Hotels situated in the downtown. The Centre facilities includes a large Auditorium with 1700 seats, 7 medium Auditoriums (between 200 to 400 seats), 25 meetings rooms and 5 Pavilions with a total exhibition area of 10,000 m<sup>2</sup>. It offers also the possibility to have different entrances, reception areas and large foyers, as well as 2 restaurants with amazing river views.

### HOTEL ACCOMMODATIONS

The Organizing Committee has reserved a block of rooms at different hotels at reduced prices for the conference attendees.

Please note that the prices of the accommodations are only available for bookings made through the official Congress Travel Agency – Viagens Abreu, SA. A list of hotels and prices may be found at the congress web site on the Internet.

### PRE-AND POST CONGRESS TOURS

Several tours will be offered to Congress attendees. Details may be found at the congress web site on the Internet.