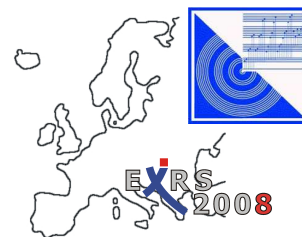


# European Conference on X-ray Spectrometry

Cavtat, Dubrovnik, CROATIA  
June, 16 - 20 2008



## Second Announcement and Call for Papers



## WELCOME

to the European X-Ray Spectrometry Conference, to be held in Cavtat near Dubrovnik  
the pearl of Adriatic Sea

### Important dates:

March 1st, 2008  
Submission of abstracts

April 1st, 2008  
Notification of acceptance

May 1st, 2008  
Early registration

May 15th, 2008  
Final announcements

Organized by: Ruđer Bošković Institute,  
Zagreb, Croatia

in co-operation with EXSA and IAEA

### Contact:

EXRS-2008 Secretariat  
Ruđer Bošković Institute  
P.O. Box 180  
10002 ZAGREB, Croatia  
e-mail: [exrs2008@irb.hr](mailto:exrs2008@irb.hr)  
<http://exrs2008.irb.hr>



## SCIENTIFIC PROGRAMME

### Invitation:

The thirteenth European Conference on X-ray Spectrometry will be held in June 2008. Adriatic coast, picturesque Cavtat, magnificent and unique Dubrovnik will host scientists of different backgrounds from Europe and worldwide in attempt to recognize emerging and inventive x-ray spectrometry techniques as well as the important and successful applications. From experienced experts in the field, to young scientists searching for novelties and finally industrial exhibitors with state of the art instruments, all participants will have a chance to enjoy in rich scientific and social program of the forthcoming meeting, which comes after successful previous meetings in Alghero and Paris.

### Main conference topics:

1. Interaction of X-rays with matter
2. X-ray sources, optics and detectors
3. Quantification methodology
4. WDXRS
5. TXRF and related techniques
6. Synchrotron XRF
7. PIXE and electron induced XRS

### 8. Microbeam techniques

### 9. X-ray absorption (EXAFS, XANES)

### 10. X-ray imaging and tomography

### 11. Applications:

- a. Materials and nanoscience
- b. Life sciences
- c. Cultural heritage
- d. Earth and Environment sciences
- e. Industrial applications

### List of invited speakers:

- David Cohen, ANSTO, Sydney, Australia
- Jean Claude Dousse, University of Fribourg, Switzerland
- Tim Elam, University of Washington, USA
- Frank de Groot, Utrecht University, The Netherlands
- Maria Filomena Guerra, C2RMF, Paris, France
- Wolfgang Malzer, TU Berlin, Germany
- Philippe Moretto, CENBG Bordeaux, France
- Gyorgy Vanko, KFKI, Budapest, Hungary
- Kazuto Yamauchi, Osaka University, Japan
- Darek Wegrzynek, IAEA Laboratories Seibersdorf, Austria

## CALL FOR PAPERS

XRS-2008 will comprise oral and poster contributions on the latest scientific and technological results and will be supplemented by high level invited presentations. Authors are encouraged to submit abstracts of original and unpublished work within the main conference topics listed above.

Authors are requested to submit an abstract in English, no later than **March 1st, 2008** using the template available at the conference website. Authors are also requested to inform the Conference Secretariat of their preference for either oral or poster presentation.

Authors will be informed of the acceptance of their contribution and its

presentation (oral or poster) by April 1st, 2008.

Abstracts of all accepted contributions (both oral and poster) will be published in the Book of Abstracts that will be distributed to all participants during registration.

Authors of accepted contributions are invited to submit a manuscript for publication in a special issue of X-Ray Spectrometry. Manuscripts should be prepared in a strict format of the XRS and will be reviewed in the normal review procedure of the Journal. Manuscripts are to be submitted at the Conference desk Deadline for the Manuscript submission is June 17th, 2008.

## Conference proceedings:

The conference proceedings will be published on a CD-ROM and distributed to participants after the conference. Selected contributions will be published in a special issue of X-Ray Spectrometry (Wiley Interscience).

## International Advisory Committee:

Burkhard Beckhoff, Germany  
Maria Luisa Carvalho, Portugal  
Roberto Cesareo, Italy  
Jorge E. Fernandez, Italy  
Yohichi Gohshi, Japan  
Marie-Christine Lepy, France  
Marcelo Rubio, Argentina  
Eva Selin-Lindgren, Sweden  
Szabina Török, Hungary  
René Van Grieken, Belgium  
Peter Wobrauschek, Austria

## Local organizing committee:

Co-chairs:  
Stjepko Fazinić\* and Milko Jakšić\*

Members:  
Vladan Desnica\*\*\*  
Marko Karlušić\*  
Luka Mandić\*\*  
Višnja Oreščanin\*  
Ivo Orlić\*\*  
Iva Bogdanović Radović\*  
Mira Ristić\*  
Zdravko Siketić\*

\* Ruđer Bošković Institute, Zagreb

\*\* University of Rijeka

\*\*\* University of Zagreb

## VENUE

### HOTEL CROATIA

The EXRS-2008 conference will be held in Hotel Croatia, which is a five star hotel that lies on a peninsula overlooking the Adriatic on one side and the picturesque bay and the old town of Cavtat on the other. The meeting will take place in a large meeting hall (Ragusa) and two smaller halls (Bobara and Orlando). Poster sessions and industrial exhibition will be organized in the vicinity of meeting halls and terrace for coffee break time.



### CAVTAT

The medieval town of Cavtat, the southeast pearl on the Dubrovnik Riviera has a population of some 1,500 inhabitants. In ancient times it was a Greek settlement known as Epidaurum. In the vicinity of Dubrovnik, Cavtat has grown to be a cultural and tourist centre of Konavle, the southernmost region of Croatia. The area is most attractive due to the Mediterranean vegetation, clear sea and a mixture of old and new architecture.



## DUBROVNIK

Dubrovnik is work of human inspiration. Dubrovnik is light, white walls, chiming bells and sea gulls that slowly flap their wings. It is a city that fills the heart. For centuries now it has explored freedom with verses sung to liberty, the greatest of all treasures cherished by the human heart. Centuries of insight and accord, a simple, charming urban entity, whose integral spirit and concordance are worthy of our deepest admiration. The city at the foot of hill Srdj is a highlight of the Adriatic and the whole Croatia.



Dubrovnik is an absorbing city of constant activities and visits to make. Things to see include the city walls, built between the 8th and 16th centuries, a Franciscan monastery with Europe's oldest pharmacy (still working), a 12th-century cathedral; an arsenal built in the 13th century, and a corn depot house (looking like a fortress) that dates back to the 16th century. But the greatest fascination of the town simply lies in its street life and street appearance, its medieval character, all combined with the rich and colorful vegetation of the Mediterranean region. Here, history, culture, and nature all melt into one harmonic unity. Apart from its historic atmosphere, Dubrovnik offers a remarkable number of cultural and entertainment programs, sea sports, sightseeing and excursion possibilities, specific Mediterranean cuisine and excellent Dalmatian wines.



## ACCOMODATION

Sufficient number of rooms at the Hotel Croatia (conference hotel) and a limited number of rooms in Hotel Supetar and private rooms in Cavtat has already been reserved for the participants and guests of EXRS. As mid-June is already high tourist season, it is highly recommended to book the accommodation as early as possible and in any case not latest than the **1<sup>st</sup> of May**.

Participants are kindly requested to fill in the Registration and accommodation form that will be soon available for download from the EXRS web site.

### Hotel CROATIA (5\*\*\*\*\*)

Bed & breakfast in single room (sea view)  
EUR 168,00 per person

Bed & breakfast in single room (park view)  
EUR 137,00 per person

Bed & breakfast in double room (sea view)  
EUR 89,00 per person

Bed & breakfast in double room (park view)  
EUR 73,00 per person

## **Private Houses**

1<sup>st</sup> category, vicinity of Hotel Croatia

Bed in single room

EUR 80,00 per person

Bed in double room

EUR 60,00 per person

(breakfast in Hotel Croatia included in price)

2<sup>nd</sup> category, in Cavtat

Bed in single room

EUR 30,00 per person

Bed in double room

EUR 25,00 per person

(breakfast is not included)

The Travel Agency ATLAS has been appointed as the official agency of the EXRS 2008 to handle accommodation and registration of participants.

## **SOCIAL EVENTS**

### **Sunday evening - Welcome reception (Hotel Croatia)**

Our first gathering will take place at the wonderful terraces of Hotel Croatia. Sunset view of the Cavtat bay, tasting Dalmatian wines, meeting friends, may be continued with an evening walk along the streets of Cavtat, where many will be attracted to sit in one of the number of cafés and restaurants by the sea.

### **Wednesday afternoon - Excursion to Dubrovnik by boat**

Oldtimer sailboat takes the group from Cavtat to Dubrovnik. The scenic journey along the Riviera and around island Lokrum takes about 45 minutes. Upon disembarkation in old Dubrovnik port, small groups would have guided walking tour of the old walled city of Dubrovnik, which is a pedestrian-only zone. You will walk along famous street Stradun, visit the Rector's Palace, the Franciscan Monastery, and a 14th century Pharmacy which is still in operation. Free time to explore the city and the city walls on your own before returning to the hotel by coaches.



### **Thursday evening - Conference dinner**

Conference dinner will be organized at one of the terraces of the conference Hotel Croatia.

## **TRAVEL**

### **Arrival by air:**

Traveling by plane is a convenient and comfortable way to visit Dubrovnik. Many European companies have direct flights to Dubrovnik or to Zagreb from where the Croatian national carrier, Croatian Airlines, provides regular flights to Dubrovnik. During summer season there are numerous charter flights operating from many European cities. The airport is called Čilipi airport and it is located about 18 km from the Dubrovnik city center and only 6 km from Cavtat and Hotel Croatia.

### **Arrival by car:**

Traveling by car is a great way to visit Dubrovnik, because it gives you the freedom to explore Croatian Adriatic Coast on the way to Dubrovnik and Dubrovnik Region as well. There are numerous places and towns to be seen and a variety of things to be done.

For travel from northwest (Slovenia, Austria, and Hungary) the fastest way is to take A1 highway from Zagreb to Split (370 km) and from Split to Dubrovnik (210 km) by Adriatic coast road. On your way you may stop to visit Plitvice lakes national park, waterfalls at Skradin near Šibenik, or visit Split, the largest town at Croatian coast with the Roman emperor Diocletian palace and many more.

From the west (Slovenia and Italy), A1 highway can be reached from A6 highway after Rijeka. You can also travel to Dubrovnik by the spectacular but rather long road along the coastline.

### **Arrival by sea:**

Another pleasant way of traveling to Dubrovnik is by sea. There are international and coastal ferry lines with arrivals and departures in Dubrovnik.

Jadrolinija is the main Croatian ferry company, with the highest number of regular international and domestic lines. Other agencies operate along the Croatian coast during summer. From Italian Adriatic coast there are regular ferry lines between Ancona and Zadar or Split and from Bari to Dubrovnik.

### **Arrival by coach:**

Coaches are often used by Croatian citizens. There are a large number of regular lines between main Croatian cities. There are many coach connections during a day or night between Zagreb and Dubrovnik. Travel time is about 10 hours and the price is aprox. 230 kn (30 Eu).

### **Arrival by train:**

The closest railway station to Dubrovnik is in Split. A train arrives to the Split railway station which is located in the harbor and close to the coach station where you can take a coach to Dubrovnik which is 200 km away.

### **VISA REGULATION:**

As Croatia is one of the main European tourist destinations, entry visas are not required for the most of European countries. Entry visa is not required for citizens of EU countries, USA, Canada, Japan, Australia, Singapore, etc. For further information see <http://www.mvp.hr>

All citizens of the countries for which entry visas are requested according to Visa Regulations of the Republic of Croatia must, as a rule, obtain the visas abroad prior to the entry into the Republic of Croatia by applying to the related Embassy or Consular Office of the Republic of Croatia. The Conference Organizers will provide Invitation Letter to facilitate Visa issuing.

## **REGISTRATION**

### **Registration fees:**

	Before 1st May	After 1st May
Regular participant	380 Eu	450 Eu
Student	250 Eu	280 Eu

### **Full conference fee includes for all registered participants (regular and student):**

Attendance on all conference sessions  
Conference bag, contents and abstract book  
CD ROM with Conference Papers  
Welcome reception  
Conference excursion  
Lunches in Hotel Croatia on Monday and Tuesday

Conference dinner is not included in fee.

Travel Agency ATLAS has been appointed as the official agency of the EXRS2008 to handle participant accommodation and registration. The Registration and accommodation forms will be available soon at the conference web site for the on-line registration. Payment will be

possible by bank transfer, credit card, or cash at the conference registration desk.

### **IAEA and EXSA assistance**

On the basis of sponsorship agreement with International Atomic Energy Agency, and European X-ray Spectrometry Association, the EXRS organizers will support participation of limited number of scientists. IAEA support will be given to participants from the countries eligible to receive assistance under the IAEA Technical Co-operation programme. EXSA support will be given to young scientists from European countries. Applications should be sent by email together with abstract submission.

### **Industrial exhibition**

An industrial exhibition will be held as an integral part of the conference with various available exhibition options.

Exhibition will be organized in the lobby area by the entrance to one of the conference halls and close to the poster area.

Interested companies are requested to contact the Conference Secretariat.