



9th International Conference on Nuclear Microprobe Technology and Applications



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Cavtat harbour

Important Dates:

2nd Announcement and call for papers,
January 1st 2004.
Abstract deadline,
April 15th 2004
Notification of acceptance, early registration,
June 1st 2004
Submission of papers
September 13th 2004

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**Cavtat, Dubrovnik, CROATIA
September 13-17 2004,**



FIRST ANNOUNCEMENT

Organized by:
**Ruđer Bošković Institute,
Zagreb**

<http://icnmta.irb.hr>



Foreword:

ICNMTA, the biennial conference for sharing the challenge and excitement of research using the nuclear microprobe, falls due in the late summer of 2004. The conference series will continue this year in the coastal Adriatic setting of picturesque Cavtat and of magnificent and unique Dubrovnik. Scientists from all over the world will gather to share advances in emerging and inventive microbeam techniques, as well as important and successful applications.

Scientific Program:

ICNMTA-2004 will comprise oral and poster contributions on the latest scientific and technological results and will be supplemented by high level invited and review presentations. Young scientists will have the opportunity to present their work in short oral presentations as well as in poster sessions. Open-air evening workshops will concentrate on controversial issues of common concern.

Authors are encouraged to submit abstracts of original and unpublished work in the following areas:

Major Topics:

O Facilities and irradiation techniques

New principles, new facilities, beam optics, combination with other systems, beam positioning, hit verification, etc.

O Analytical and imaging techniques

New techniques and upgrades, sample treatments and handling, data acquisition and processing, quantification, etc.

O Application of microbeam irradiation

Irradiation effects, micromachining, ion implantation, other irradiation applications in material science, biomedicine, etc.

O Analytical applications

Materials science and electronics, biology and medicine, environmental science, art and archaeology, geology, etc.



Proceedings:

The conference proceedings will be published by Elsevier in a special issue of Nuclear Instruments and Methods in Physics Research Section B.

Venue:

Dubrovnik, the medieval pearl of South Dalmatia is listed in the UNESCO register of 'World Heritage Sites'. This is a city with a long-standing tradition of welcoming tourists. A city of museums and festivals, of cafés and restaurants, Dubrovnik enjoys a mild Mediterranean climate and is set in a wonderful landscape. It is situated in the very south of the Republic of Croatia.

Cavtat is a small resort coastal town located between Dubrovnik and its international airport, very convenient for all types of meetings and events. It is a town with a long history and an attractive mixture of old and new architecture. It is surrounded by Mediterranean flora, beautiful beaches and unpolluted seawater. The Adriatic islands, Dubrovnik and the hinterland are all within easy reach.

The conference hotel, **Hotel Croatia**, is a five star hotel that lies on a peninsula overlooking the Adriatic on one side and the picturesque old town of Cavtat on the other. The city walls of Dubrovnik can be seen from some of the hotel terraces. The hotel offers a large meeting hall and a number of smaller meeting rooms of various sizes, offices and exhibition space. Additional accommodation will be offered in other hotels and apartments in private houses as close as possible to the conference hotel.

Detailed information about travel, hotel accommodation, social events, pre- and post-conference excursions, will be included in the second announcement. The conference web pages will include additional information and links to tourist and cultural sites in the Dubrovnik area.