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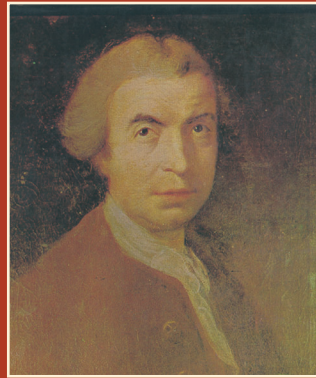
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#### Symposium web page:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=115>



*The famous Croatian philosopher and scientist Rudjer Boskovic (1711-1787) was born and educated in Dubrovnik. With his theory of forces R. Boskovic was a forerunner of modern physics for almost two centuries.*



# International Symposium on Utilization of Accelerators

Dubrovnik, Croatia  
5 – 9 June 2005



Organized by the  
International Atomic Energy Agency  
[www.iaea.org](http://www.iaea.org)



Hosted by the  
Government of Croatia through the  
Rudjer Boskovic Institute, Zagreb  
[www.irb.hr](http://www.irb.hr)

## Introduction

Particle accelerators, originally developed for basic research in nuclear and particle physics, have matured into versatile tools for applications in other branches of science as well as in industry and medicine. The main objectives of the symposium are to bring together experts in the field to exchange information and review the status of current developments and applications, to discuss new trends and technologies, and to promote research collaboration between laboratories in IAEA Member States.

## Programme

A sequence of topical sessions, including key note speakers, contributed papers and possibly posters will examine the following issues:

- **Applications of accelerators in materials and life sciences**
  - Ion beam analysis (IA)
  - Ion beam modification of materials (IM)
  - Accelerator mass spectrometry (AM)
  - Biomedical applications (BA)
- **Application of accelerators in industry**
  - Ion implantation (II)
  - Ion beam treatment of materials (IT)
  - Electron and photon beam irradiation (EB)
- **Applications of accelerators for the safety and security of people**
  - Application of accelerators to humanitarian demining (HD)
  - Detection of explosives and illicit materials (DE)
  - Biosecurity and environmental protection (EP)
- **Accelerator technology**
  - Ion sources (IS)
  - Vacuum technology (VT)
  - Compact accelerators (CA)
  - Neutron generators (NG)
  - New concepts (NC)

## Information on:

- **participation**
- **submission of papers**
- **registration**
- **grants**
- **other relevant issues**

is available at the symposium web site:

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