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INTERNATIONAL CONFERENCE ON ISOTOPIC AND NUCLEAR ANALYTICAL TECHNIQUES FOR HEALTH AND ENVIRONMENT

Vienna, Austria
10-13 June 2003



Organized by the
International Atomic Energy Agency

<http://www.iaea.org/worldatom/Meetings>



OBJECTIVE

The main purpose of this Conference is to bring together scientists, technologists, representatives of industry and regulatory authorities to exchange information and review the status of current developments and applications of isotopic and nuclear analytical techniques, and to discuss future trends and developments. A further objective is to identify potential opportunities for developing countries for applying isotopic and nuclear analytical techniques in health and environmental studies, and to consider the promotion and transfer of such technology. International developments and trends in health care, nutrition, and environmental monitoring will be addressed in order to identify future fields of application for isotopic and nuclear analytical techniques.

INFORMATION ON

- Participation
- Submission of papers
- Registration
- Grants

can be obtained from the Conference Webpage
<http://www.iaea.org/worldatom/Meetings/2003/>

TOPICAL SESSIONS

- **Isotopic and Nuclear analytical techniques (general)**
Instrumentation/automatisation - Software and data processing - Quality assurance/ accreditation - On-line analysis
- **Environmental Studies**
Radiation and radionuclide surveys - Radionuclide analysis in environmental samples - Radon monitoring - Nuclear methods for trace analysis and fingerprinting - Characterisation of radioactive particles - Radionuclide and trace element migration - Radionuclide speciation and bioavailability - Radioecology and radionuclide transfer studies - Radionuclide monitoring in mining and process industries
- **Human and Animal Health and Nutrition**
Advances in human nutrition studies - Nutritional Metrology - Radionuclide monitoring in food - Energy metabolism and body compositional studies - Nutrient fortification of foods - Nutrition monitoring - Toxicology and food safety - Food and nutritional reference methods and reference materials - Advances in animal nutrition studies - Tracer techniques in human diagnostics and preventive health care - Radioimmunoassay
- **Future trends**
New developments in nuclear analytical and radiochemical techniques - New applications for isotopic and radioactive tracers - Nuclear techniques in cultural heritage studies - Authentication and art preservation - New developments in nuclear diagnostic techniques - Socio-economic impacts.