

# Proposed Conferences for 1976

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The IAEA plans to hold the following International Conferences, Symposia and Seminars during 1976. Locations and dates of the meetings will be announced in a later edition of the Bulletin after finalization of the programme.

- **Symposium on Nuclear-based Techniques for Pollution Monitoring and Control** to discuss the development of better instrumentation and the refinement of techniques in the application of nuclear techniques to pollution problems.
- **Symposium on the Design and Construction of and Operating Experience with Demonstration Fast Power Reactors** dealing with initial operating experience obtained with 200-300 MW(e) FBR demonstration plants; the experience gained in planning, designing and constructing these demonstration plants; the formulation of R & D programmes in support of fast breeder reactor development.
- **Symposium on Stable Isotope Production, Measurement and Utilization** showing the increasing availability of separated stable isotopes, especially those of carbon, oxygen, nitrogen and sulphur, and their use for studying subtle chemical reactions in both living and non-living systems.
- **Symposium on the Management of High-level and Alpha-bearing Wastes, including Consideration of the Strategy in respect of Fast-Breeder Reactors** to consider more closely problems of chemical treatment (partitioning and fractionation) and solidification (long-term stability of solidified materials), interactions of high-level wastes with the environment and advances in storage, and the disposal and elimination of wastes from present and future nuclear fuel mixes.
- **Symposium on the Exploration of Uranium Ore Deposits** to review the development and application of new instruments and methods for the prospecting and exploration of uranium ore deposits, and to discuss methods of recognizing favourable uranium regions in different geological environments.
- **Symposium on Medical Radionuclide Imaging** to focus attention on digital data-processing techniques for image enhancement, on the development of new radiopharmaceuticals and on the further improvement of imaging instruments.
- **Symposium on Radiobiological Research Needed for Improving Radiotherapy** to encourage closer collaboration between radiobiologists and radiotherapists in keeping abreast of progress in their two fields.
- **Conference on Plasma Physics and Controlled Nuclear Fusion Research** to place more emphasis on the engineering and the safety and environmental problems of nuclear fusion.
- **Symposium on Isotopes and Radiation in Studies of Soil Organic Matter** to discuss the latest nuclear and conventional techniques of organic soil constituents.
- **Symposium on the Design of and Equipment for Hot Laboratories** to review these laboratories and the radiological protection aspects of the handling of transuranium elements, including special radiological safety problems of plutonium as a reactor fuel.

- **Seminar on the Design, Construction and Testing of Packaging for the Safe Transport of Radioactive Materials** to give specialists a platform to discuss this question and the practical experience gained in the application of regulations.
- **Seminar on Fuel Element Quality Control** to describe the techniques, staffing and systems needed for quality assurance in the fabrication of  $\text{UO}_2$  fuel for power reactors, especially for experts of those developing countries where fuel fabrication is being considered as part of the nuclear power programme.
- **Seminar on the International Nuclear Information System** to train qualified indexers and subject specialists from INIS centres and to improve their knowledge of indexing and retrieval procedures.
- **Seminar on Research Reactor Utilization in South East Asia** (regional) organized within the framework of the Regional Co-operative Agreement for Research, Development and Training related to Nuclear Science and Technology to discuss neutron scattering, isotope utilization, and irradiation studies.
- **Seminar on Radiological Protection** (regional) to help the developing countries in different regions to apply the IAEA standards and recommendations and to discuss the most recent developments.
- **Seminar on an International File of Evaluated Data on Nuclear Structure and Nuclear Decay** to determine the form and content of such a file for users concerned with various pure and applied branches of science and technology.
- **FAO/IAEA Symposium on Nuclear Techniques in Animal Production and Health**, postponed from 1975 to 1976.