



**35<sup>ièmes</sup> Journées des Actinides, 2005**  
**Schloss Weikersdorf, Baden/Wien, Austria**  
**23<sup>rd</sup> to 26<sup>th</sup> April, 2005**

The "Journées des Actinides" is an annual Conference for European and International scientists involved in research programmes on the physics and chemistry of the 5f elements (actinides). The "35<sup>ièmes</sup> Journées des Actinides" will be held in Baden near Vienna, Austria from April 23<sup>rd</sup> to April 26<sup>th</sup>, 2005.

The aims of the "Journées des Actinides" as an International Conference are:

- ✓ The presentation of most recent scientific results and their evaluation by internationally recognized scientists in the field.
- ✓ The presentation of recent results by young scientists and PhD students and the possibility given to them of obtaining advice from senior scientists of various International laboratories.
- ✓ The evaluation of the progress realized within the various research programmes existing between the various International laboratories. In this context a panel of specialists provides an overview of the running research programme in the world as well as recommendations for future activities.
- ✓ The discussion and the setting up of new cooperative research programmes and the creation of new world-wide research networks.

Research programmes concerning the actinoid elements comprise solid state physics, inorganic chemistry, materials science and the fuel cycle. Actinoid containing compounds are a special class of materials exhibiting most unusual properties such as heavy-fermion superconductivity, giant magneto-resistance, giant magneto-optical effects etc. The development of research in those fields is important for the coming years.

The exchange of ideas via the meeting of young scientists of the various regions of Europe will favour the establishment of small centres, which will insure the continued dissemination of knowledge and will guarantee throughout Europe the availability of the required competence and expertise in the field.

The organization of each year's "Journées des Actinides" is given to a research institute or university whose contribution to research is internationally recognized.

The conference "Journées des Actinides" has started out as a European conference but has grown since into an International endeavour. It has been organized in European countries without interruption since 1971:

The 30<sup>ièmes</sup> "Journées des Actinides" was organized in 2000 by the Research Centre SCAVEM in Luso, Portugal.

The 31<sup>ièmes</sup> "Journées des Actinides" was organized in 2001 by the Laboratoire de Chimie du Solide et Inorganique Moléculaire, Univ. Rennes in St.Malo, France.

The 32<sup>ièmes</sup> "Journées des Actinides" was organized in 2002 by the Research Institute of Beer-Sheva in Ben Geddi, Israel.

The 33<sup>ièmes</sup> "Journées des Actinides" was organized in 2003 by the Charles University in Prague, Czech Republik.

The 34<sup>ièmes</sup> "Journées des Actinides" was organized in 2004 by the Institute for Transuranium Elements in Karlsruhe, Germany.

The 35<sup>ièmes</sup> "Journées des Actinides" will be organized in 2005 by the University of Vienna in Baden/Wien in Austria.