Chemical Thermodynamics
27 June–2 July 2005, Moscow, Russia

The Russian International Conference on Chemical Thermodynamics (RCCT-2005) will be held 27 June–2 July 2005 at the Moscow State University (MSU), Moscow, Russia. It is being organized by MSU and the Russian Academy of Sciences, under the auspices and sponsorship of IUPAC, IACT, and Elsevier. It is anticipated that 400-500 delegates from 26 countries will attend. The official languages of the conference will be English and Russian.

The aim of the conference is to review recent achievements in experimental thermodynamics and explore likely future developments. The program is focused on new experimental and theoretical results in the following fields: general topics of chemical thermodynamics, individual substances, solutions and melts, heterogeneous systems, and complex thermodynamic systems. Special attention will be paid to the problems of consistence, systematization and standardization of thermodynamic data, databases, novel materials on the base of specific substances, and composites.

The scientific program comprises plenary lectures, parallel oral sessions, poster sessions, “round tables,” and an exhibition of instruments and equipment. Preliminary topics for the “round tables” include thermodynamics of nanostructures, systems in the external fields, and teaching chemical thermodynamics.

See Mark Your Calendar on page 37 for contact information
www.chem.msu.su/eng/events/rcct/welcome.html

Analytical Spectroscopy
4–9 September 2005, Antwerp, Belgium

The 34th edition of the Colloquium Spectroscopicum Internationale (CSI XXXIV) will take place in Antwerp, Belgium, on 4–9 September 2005. Since the first conference (France 1949) in this outstanding series, CSI has established itself as the premier forum for presentation and discussion of new developments in all branches of analytical spectroscopy. The aim of this conference is to allow spectroscopists from around the world to enhance contacts and exchange experiences. Following the tradition of the preceding CSI conferences, emphasis will be on new developments and applications of spectroscopy in analytical chemistry.

The program will consist of invited plenary lectures, oral contributions in parallel sessions introduced by invited keynote speakers, and poster sessions. The subjects within the scope of the conference include the following:

Spectroscopic Techniques and Methodologies
- atomic plasma spectrometry (ICP, GD, AAS, etc.)
- molecular spectroscopy (UV-Vis, NMR, Raman, IR)
- organic and inorganic mass spectrometry
- x-ray spectrometry (XRF, XRD, XANES, PIXE, etc.)
- hybrid techniques
- laser technologies
- imaging techniques
- quality control and chemometry

Applications of Spectroscopy
- materials and industrial processes
- environmental and geochemical analysis
- archaeometry and cultural heritage
- biological and food analysis
- clinical and pharmaceutical analysis
- speciation
- micro, surface, and interface analysis
- mass spectrometry in post-genomics and proteomics
- on-line analysis
- miniaturization and nano-technology
- actinides in the environment

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www.csixxxiv.ua.ac.be