

Events

The Guest Editors of this Special Chapter and the Conference Organisers are looking forward to meeting you at the

32nd International Conference on Vacuum Microbalance and Thermoanalytical Techniques (IVMTC32)

The conference will be take place at Kazimierz Dolny near Vistula River (Lublin District, Poland) on July 22–24, 2009

Chairpersons:

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SCOPE OF THE CONFERENCE

The subject matter of the Conference covers all aspects of mass and force determination, in particular under vacuum or controlled atmosphere. It includes theoretical and experimental work such as thermogravimetry, calorimetry, sorptometry and measurement of chemisorption, physisorption, surface reactions, magnetic properties, surface tension, etc. Reports on progress in instrumentation should deal with microbalance and related techniques including supplementary equipment and corresponding coupling techniques.

SCIENTIFIC PROGRAMME

The scientific programme will include plenary lectures (30 min) and contributed lectures (20 min) as well as poster presentations which deal with

- History and advances in microweighing.
- New techniques to measure mass and weight in vacuum and controlled environments.

EVENTS

- Gravimetric measurement of highly porous materials; adsorbents, catalysts, polymers, advanced nanomaterials, nanotechnology.
- Adsorption rates and equilibria.
- Industrial applications of microbalance and microforce sensors including oscillators and load cells.
- The coupling techniques: to TG, DSC, TMA, DTA, DTG, MS, IR, etc.
- Vacuum apparatus, microelectronics and related equipment.

EXHIBITION

An exhibition of balances, thermoanalytical apparatus and complementary techniques will take place during this conference.

MARIA CURIE-SKŁODOWSKA UNIVERSITY in Lublin

The Maria Curie-Skłodowska University (UMCS) is a public higher education institution, which has acted consistently since 1944 for the development and dissemination of knowledge. During this period, almost one hundred and thirty-seven thousand students have graduated from UMCS while three thousand doctor's degrees and 640 habilitated doctor's degrees have been awarded. Our research conducted in numerous fields has contributed significantly to the development of science and the results have been repeatedly used in practice. It is thanks to its over sixty-year-long efforts that UMCS has won recognition both at home and abroad, and has also become the workplace of superbly educated academic staff and a school for highly qualified specialists in many fields.

The 428 professors and habilitated doctors, and 1286 academic teachers with doctor's and master's degrees work currently in the University's excellently equipped laboratories, libraries and modern lecture rooms. They impart their knowledge to thirty-four thousand students enrolled on full-time, extramural and evening study programmes and to over 800 doctoral students. All this makes UMCS the largest university in eastern Poland.

KAZIMIERZ DOLNY near Vistula River

The town of Kazimierz, situated on the Lublin plateau, lies on the right bank of the river Vistula on its way to the Baltic. The Kazimierz Dolny community includes the town and 14 Districts. The number of inhabitants is in the region of 7300, of whom 2300 reside in the town. Because of its attractive position, its rich history, its picturesque medieval houses, wonderful architecture and kind climate, Kazimierz is known not only in Poland but also abroad as a sought after tourist centre where guests can relax and enjoy their holidays. To serve them there are a number of hotels, boarding houses and restaurants.

To protect all these as well as the buildings, within Kazimierz was created, in 1979, a 'Landscape Park' which includes the whole area of the Kazimierz community. In the town centre around the market place and the adjacent streets, visitors can admire the renaissance buildings. From the 'Baszta' (or Tower), the ruins of the castle, and the 'Hill of the Three Crosses', one can enjoy a panoramic view of the town, which fits in so well into the overall natural countryside and forms a harmonised entity.

The 33nd International Conference on Vacuum Microbalance and Thermoanalytical Techniques is planned during 2011 in Sri Lanka

Chairman:

Dr. S. Amara A. Jayaweera

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