



1-st Announcement

32nd International Conference on Vacuum Microbalance and Thermoanalytical Techniques IVMTTC³²

The conference will take place in
Kazimierz Dolny upon the Vistula River (Lublin District, Poland)
June 21-24, 2009

Chairpersons:

Prof. Dr.hab. Piotr Staszczuk
Prof. Dr.hab. Anna Deryło-Marczewska
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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 works like thermogravimetry, calorimetry, sorptometry and measurement of chemisorption, physisorption, surface reactions, magnetic properties, surface tension, etc. The 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 on:

- History and advances in microweighing.
- New techniques to measure mass and weight in vacuum and controlled environments
- Gravimetric measurements 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: TGA, DSC, TMA, DTA, DTG, MS,IR, etc.
- Vacuum apparatus, microelectronics and relevant equipment.

EXHIBITION

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

MARIA CURIE-SKŁODOWSKA UNIVERSITY in Lublin

Maria Curie-Skłodowska University is a state higher education institution, founded in 1944 to develop and disseminate knowledge. Since then, almost one hundred and thirty-seven thousand students have graduated from M.C. Skłodowska University and three thousand

doctor's degrees as well as about 650 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. Owing to over sixty-year-long attempts M.C.S. University has won recognition both at home and abroad, and has also become the workplace of well educated and competent academic staff as well as the institution for highly qualified specialists in many fields.

Over 400 professors and habilitated doctors, and almost 1300 academic teachers with doctor's and master's degrees work in the excellently equipped University 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 M.C. Skłodowska University the largest in the eastern region of Poland.

KAZIMIERZ DOLNY near Vistula River

Kazimierz Dolny is one of the most beautiful small towns in Poland. It was founded in the 11th century as a small monastical settlement, with full civic rights from 14th century. Its top of prosperity was about the 16th-17th centuries because of Vistula River importance as the trade route. Since the end of 19th century Kazimierz Dolny has been mainly known as the holiday town.

Many relics, enchanting location, varied landscape, extraordinary vibes – these are its key advantages. Two churches - St. John's the Baptist and Bartholomew's (16th cent.) and St. Anna's (17th cent.), ruins of the castle (16th) with the tower (14th), old tenement houses, cottages, granaries and synagogue are its best known relics. Kazimierz Dolny is beautifully located. The Vistula River bank is on one side, the picturesque hills crossed with gorges on the other one. The whole town emits extraordinary vibes of small, historical towns, where time stopped for a moment...