

ORGANISING COMMITTEE

- Sobota J.** *Chairman,*
Wrocław University of Environmental
and Life Science, Wrocław, Poland
- Malczewska B.** Wrocław University of Environmental
and Life Science, Wrocław, Poland
- Musik A.** Wrocław University of Environmental
and Life Science, Wrocław, Poland

ADDRESS

Conference Secretariat: the Faculty of Environmental
Engineering and Geodesy, Wrocław University of
Environmental and Life Sciences, Plac Grunwaldzki 24a,
50-365 Wrocław, Poland

e-mail: ts15@up.wroc.pl;
www.iis.ar.wroc.pl/ts15

Phone: +48 71 320 5579, 5519, 1558
Fax: + 48 71 320 5579, 1557

CALL FOR PAPERS

Conference papers (original, unpublished, nor
pending publications elsewhere) will be selected on
the basis of extended abstracts. Authors are requested
to submit a one-page abstract. Please include the title
of presentation, authors, institutional affiliation,
complete mailing address including e-mail. Authors
will have been notified of acceptance by

February 28, 2011

Detailed information of the prepared manuscript
(number of pages, typing instructions and style) will
be sent along with the notification of the abstract
acceptance. All manuscripts must be prepared and
presented in English. Only manuscripts received no
later than

July 15, 2011

will be included (after final refereeing) in the
Conference Proceedings.

*Please feel free to photocopy and distribute this
Announcement and Call for Paper to anyone interested.*

SCIENTIFIC COMMITTEE

- Parzonka W.** *Chairman of the 15th Conference*
Wrocław University of Environmental
and Life Sciences, Wrocław, Poland

Permanent members:

- Duffy G.G.** University of Auckland, New Zealand
Gochitashvili T. Mining Institute Georgian AS,
Tbilisi, Georgia
Palarski J. Technical University of Silesia, Gliwice,
Poland
Richardson J.R. University of Swansea, UK
Slatter P.T. RMIT University, Melbourne, Australia
Sobota J. Wrocław University of Environmental
and Life Sciences, Wrocław, Poland
Verhoeven R. Ghent University, Belgium
Vlasak P. Institute of Hydrodynamics, Prague,
Czech Republic
Wilson K.C. Queen's University, Kingston, Canada

Corresponding members:

- Alexandrov V.** Mining Institute, Saint-Petersburg, Russia
Arzika S. University of Niamey, Niger
Bartnik W. Agricultural University, Krakow, Poland
Bartosik A. Kielce University of Technology, Poland
Bournaski E. Institute of Water Problems, Sofia,
Bulgaria
Chara Z. Institute of Hydrodynamics, Prague
Czech Republic
Chhabra R. Indian Institute of Technology, Kanpur,
India
Cooke R. Paterson & Cooke, Cape Town, South
Africa
Heywood N. BHR Group, Cranfield, UK
Kalman H. B-G University of Negev, Beer Sheva,
Israel
Larrarte F. French Public Work Research Laboratory
Paris, France
Matousek V. Technical University, Prague, Czech
Pullum L. Private Consultant, Melbourne, Australia
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Thomas D.A. Slurry System Ltd, Newcastle, Australia
Zou Weisheng Hunan University, Changsha, China



15th International Conference on Transport & Sedimentation of Solid Particles



6 – 9.09.2011
Wrocław
Poland

**FIRST ANNOUNCEMENT
& CALL FOR PAPERS**

<http://www.iis.ar.wroc.pl/ts15>

INVITATION

The International Conferences on Transport & Sedimentation of Solid Particles have become traditional place of meetings and active debates of scientists, engineers and leading authorities engaged in the field of pipeline transport and sedimentation. The conferences have supported an international exchange of developments in research and applications in these fields.

Since the first conference in Poland in 1971, the series has traveled to Czech Republic, Belgium, Georgia and Russia.

SCOPE

Hydraulic transport of multi-phase flows (mixtures) in closed and open conduits is used in many applications of the mining, energy, chemical, metallurgical and other industrial enterprises for the transportation of main cargos or disposal of various wastes. The settling of solid particles is also useful in many industrial applications and sediment transport in channels and rivers has a direct impact on the natural environment.

The Conference will also provide a forum for the exchange of information on various aspects of pipeline transport of non-Newtonian flows (including oil & petroleum products) and gases by main transport systems and their practical applications worldwide.

The Conference is expected to cover all the aspects of conveyance of solids by fluids, motion of solids and solid-fluid interaction in closed and open conduits. The aspects of interest include:

- two-phase and multiphase flow, Newtonian and non-Newtonian flow
- designing, optimization and operation of hydro- and pneumo-transport system, wear and corrosions, pumps and valves, etc.
- sediment transport in rivers and water reservoirs, hydraulic storage of tailings/ sedimentation and thickening
- measurement methods and techniques, field and laboratory instrumentation, industrial systems
- oil and gas pipeline transport, equipment, machines

ORGANIZERS

Wroclaw University of Environmental
and Life Sciences

The Faculty of Environmental Engineering and Geodesy
Institute of Environmental Engineering
Plac Grunwaldzki 24a, 50-365 Wroclaw, Poland

TECHNICAL TOURS AND SOCIAL PROGRAM

Technical tour and a number social tourist activities will be organized for participants and accompanying persons. A post-conference tour may also be organized provided that there is enough participant interest.

VENUE

The Conference will be carried out in Wroclaw, a city with beautiful architecture and plentiful green areas, situated on the banks of the Odra river. Wroclaw, today the administrative, educational, business and cultural capital of Lower Silesia, is the 4th largest city in Poland. The city hosts 11 public higher institutions and over 140 thousand students. Rich cultural heritage is one of many strengths of the city. Apart from numerous theatres, museums, art galleries and clubs, a great number of cultural events take place in Wroclaw and everyone can find something interesting.

EXHIBITION AND PROMOTIONAL LITERATURE SERVICE

Exhibition space will be available at the Conference for companies and firms to presented their products and services. There will also be an opportunity for companies to insert promotional materials in the conference booklets.

SECOND ANNOUNCEMENT

The second announcement will be more detailed on technical and social programs, registration fees, accommodation, and instructions for authors. It will be distributed by the end of **April 2011**.

GENERAL INFORMATION

Poland – Wroclaw

Wroclaw, the capital of Lower Silesia, is one of the oldest and most beautiful cities in Poland, located at the foot of the Sudetes on the Oder River, by its numerous tributaries and canals, is a unique city of 12 islands and over a hundred bridges. It is the largest university center in the country. Life is centered around the university and polytechnic university at the forefront. Rich and tumultuous history of the city is inscribed in its walls. Cathedral Island recalls early medieval times. It has been preserved in excellent condition and today is one of the finest example of religious architecture in Europe. Another relic of that period - Wroclaw Town Hall - is one of the finest Gothic buildings in central Europe. In Wroclaw one can also see the biggest baroque interior in Poland, which has survived to modern times. Aula Leopoldina is located in eighteenth-century building of the University of Wroclaw. Wroclaw is a city of greenery. One of the most attractive places is Szczytnicki Park founded in the eighteenth century and an original Japanese garden. Guests of Wroclaw mention it primarily as a thriving center of culture. Theatre, opera, musical theatre, concert hall and numerous clubs, museums and galleries provide a continuous flow of artistic events.

The Institute conducts research studies in the fields corresponding to its research and scientific activity. Research studies, expertise and opinions are also performed for industry as well as for national and local administration. The pipe installation available at the Institute is used for research on mixture flows on semi-technological scale. Models and prognoses of flood wave transformations are also prepared at the Institute. Installation for studying flows in vertical pipelines in deep-sea mining, e.g. for nodule mining from ocean beds, is also available at the Institute.

LANGUAGE

The official language of the Conference is English.

ACCOMMODATION

The organizers will arrange accommodation in hotels. The leaflet containing information on registration and hotel reservation will be mailed to all pre-registered participants.