

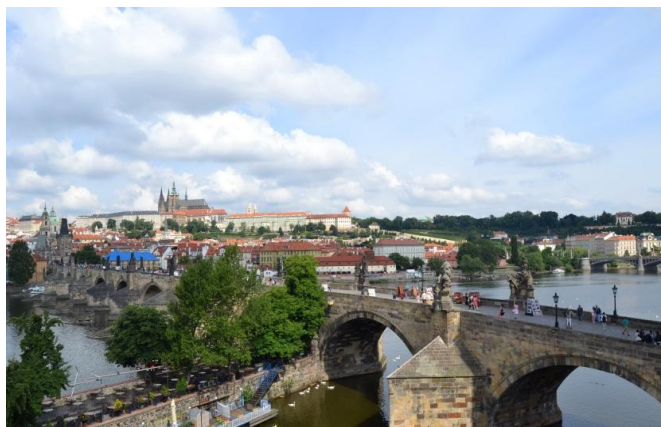


INSTITUTE OF
HYDRODYNAMICS
of the Czech Academy of
Sciences, v. v. i.



Wroclaw University
of Environmental
and Life Sciences

18th International Conference on Transport & Sedimentation of Solid Particles



September 11-15, 2017
Prague,
Czech Republic

**FIRST ANNOUNCEMENT
& CALL FOR PAPER**

www.aqua.ar.wroc.pl/ts18

INVITATION

The International Conferences on Transport and 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 Belgium, Czech Republic, Germany, Georgia, Russia and The Netherlands.

We are pleased to welcome the series again to the Czech Republic for the third conference to be held in Prague.

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 valuable products 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 topics 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 corruptions, 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;

GENERAL INFORMATION

Prague – Czech Republic

Looking at the map of Europe we can find that Prague is really a focal point, heart and centre of the continent. However, Prague is not only the geographical centre of Europe, but also a place where for centuries different nations were mixing and different cultures were merging, influencing each other. Those who walk through Prague walk through the history of Europe and its cultural streams, follow the traces of reformers, artists, rulers, army leaders, who influenced this continent as far as ideas, art and politics are concerned.

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.

PARTICIPATION REGISTRATION

Pre-registration for the conference is conducted electronically at www.aqua.ar.wroc.pl/ts18, where you can find the registration form.

ORGANIZERS

Wroclaw University of Environmental and Life Science
The Faculty of Environmental Engineering and Geodesy
Plac Grunwaldzki 24, 50-363 Wroclaw, Poland

Institute of Hydrodynamics
of the Czech Academy of Sciences, v. v. i.,
Pod Pařankou 30/5, 1690 00 Prague 6, Czech Republic

VENUE

The Conference will be carried out in Prague, Czech Republic on the occasion of 65th anniversary of the foundation of the Institute of Hydrodynamics and Czechoslovak Academy of Sciences. The conference venue will be located in the historical center of Prague, next to Charles Bridge, in the building of the Czech Association of Scientific and Technical Societies (ČSVTS), Novotného lávka 5, Praha 1.

ORGANISING COMMITTEE

Jerzy Sobota, *chairman*, Wrocław University of Environmental and Life Science, Wrocław, Poland

Pavel Vlasák, *chairman of the 18 Conference*, Institute of Hydrodynamics CAS, v. v. i., Prague, Czech Republic

Zdeněk Chára, *co-chairman*, Institute of Hydrodynamics CAS, v. v. i., Prague, Czech Republic

Václav Matoušek, *co-chairman*, Institute of Hydrodynamics CAS, v. v. i., Prague, Czech Republic

Beata Malczewska, *co-chairman*, Wrocław University of Environmental and Life Science, Wrocław, Poland

Sławomir Iwański, *co-chairman*, Wrocław University of Environmental and Life Science, Wrocław, Poland

ADDRESS

18th T & S Conference Secretariat

Institute of Hydrodynamics CAS, v. v. i.,
Pod Paťankou 30/5, 1690 00 Prague 6, Czech Republic
tel. +420 233109019; ts2017@ih.cas.cz

www.aqua.ar.wroc.pl/ts18

CALL FOR PAPERS

Conference papers (original, unpublished, nor pending publications elsewhere) will be selected on the basis of extended abstracts. Authors are asked to submit by e-mail a one-page abstract by

January 20, 2017.

Please include the title of presentation, authors, institutional affiliation, and complete mailing address including e-mail. Authors will have been notified of acceptance by

February 28, 2017.

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

April 30, 2017.

will be included (after final referring by two reviewers) in the Conference Proceedings.

Call for paper form can be found at

www.aqua.ar.wroc.pl/ts18

SCIENTIFIC COMMITTEE

Chairman of the 18th Conference

Pavel Vlasak, Institute of Hydrodynamics CAS, v. v. i., Prague, Czech Republic

Permanent members

Bartosik, Artur - Kielce University of Technology, Poland

Duffy, G. Geoffrey - University of Auckland, New Zealand

Eckstädt, Hartmut - University of Rostock, Germany

Gochitashvili, Teimuraz - Mining Institute, Tbilisi, Georgia

Haldenwang, Rainer - Cape Peninsula Univ. of Technology, Cape Town, South Africa

Palarski, Jan - Technical University of Silesia, Poland

Parzonka, Włodzimierz - University of Environmental and Life Sciences, Wrocław, Poland

Cees van Rhee - Delft University of Technology, Delft, The Netherlands

Slatter, T. Paul - RMIT University, Melbourne, Australia

Sobota, Jerzy - University of Environmental and Life Sciences, Wrocław, Poland

Verhoeven, Ronny - Ghent University, Ghent, Belgium

Vlasák, Pavel - I H CAS, v. v. i., Prague, Czech Republic

Corresponding members

Alexandrov I. Victor - Nat.Min. Res. University, St. Petersburg, Russia

Arzika Souleymane - University of Niamey, Niamey, Niger

Berman Slava - Institute of Hydromechanics NASU, Kiev, Ukraine

Bournaski Emil - Nat. Inst. of Met. & Hydrology, BAS, Sofia, Bulgaria

Chára Zdeněk - Institute of Hydrodynamics CAS, v. v. i., Czech Rep.

Cooke Robert - Paterson & Cooke Consulting Engineers (Pty) Ltd, Denver, USA

Gavardashvili Givi - Georgian Technical University, Tbilisi, Georgia

Goosen Peter - Paterson & Cooke Consulting Engineers (Pty) Ltd, Cape Town, South Africa

Heywood Nigel - BHR Group, Cranfield, United Kingdom

Kalman Haim - Ben Gurion Univ. of the Negev, Beer Sheva, Israel

Koushal Deo Raj - Indian Institute of Technology, New Delhi, India

Larrarte Frédérique - French Public Work Research Laboratory, Paris, France

Mahammadi Mirali - The University of Urmia, Urmia, Iran

Matoušek Václav - Czech Technical University, Prague, Czech Repub.

Meyer Zygmunt - W. Pomeranian Univ. of Technol., Szczecin, Poland

Pullum Lionel - Private Consultant, Melbourne, Australia

Radecki-Pawlik Artur - Agricultural University, Cracow, Poland

Sanders Sean - University of Alberta, Alberta, Canada

Sellgren Anders - Lulea University of Technology, Lulea, Sweden

Talmon Arno - Delft University of Technology, Delft, The Netherlands

Thomas D. Allan - Slurry System Ltd, Newcastle, Australia

Yoon Chi Ho - KIGAM, Daejeon, Korea

Xia Jianxin - Minzu University of China, Beijing, China

Zou Weisheng, Hunan University, Changsha, China

TECHNICAL TOURS AND SOCIAL PROGRAMME

Technical tour will be organized for participants and accompanying persons.

A social program may also be organized provided that there are enough participants interested.

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 delegate packs.

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 during March 2017.

SPONSORSHIPS

Numerous opportunities for sponsorship will be available at **18th T & S**. Interested firms and industries are required to contact Organizing Committee (V. Matoušek, v.matousek@fsv.cvut.cz) or Conference Chair (P. Vlasak, vlasak@ih.cas.cz).

IMPORTANT DATES

Dead-line for Abstract Submission	20 January 2017
Dead-line for Abstract Acceptance Notice	28 February 2017
Dead-line for Draft Manuscript for review	30 April 2017
Dead-line for Final Manuscript for print	30 June 2017

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