



River Flow 2014

International Conference on Fluvial Hydraulics
September 3-5 | Lausanne | Switzerland

<http://riverflow2014.epfl.ch>
riverflow2014@epfl.ch

Hosted by
Laboratory of Hydraulic Constructions
at



Port of Ouchy in Lausanne (Régis Colombo, www.diapo.ch)



Rolex Learning Center at EPFL (Alain Herzog)



Air view of EPFL Campus (Alain Herzog)

Welcome

On behalf of the IAHR Committee on Fluvial Hydraulics it is our pleasure to invite you to participate at River Flow 2014 – the 7th International Conference on Fluvial Hydraulics – at EPFL, Lausanne, Switzerland.

The conference intends to create an environment for reflection, discussion and exchange of knowledge regarding fluvial hydraulics and river morphology. It is an opportunity to meet, to discuss and to learn about the interaction between water, sediments and structures in natural or built environments. The conference offers scientific presentations, site visits and master classes given by experts from different countries. It further aims to link science with river engineering practice. It would be a pleasure to meet you at EPFL in September 2014!

Your Local Organizing Committee (LOC)

Anton J. Schleiss, Chair, Giovanni De Cesare, Mário J. Franca and Michael Pfister, Members of LOC

River Flow

The upcoming event is the seventh in a successful series of River Flow Conferences, formerly held in Louvain-la Neuve 2002, Naples 2004, Lisbon 2006, Çeşme-İzmir 2008, Braunschweig 2010, and San José 2012. River Flow has become a prestigious conference in the agenda of scientists and river engineers worldwide.

Themes

- A. River hydrodynamics
- B. River morphology and sediment transport
- C. River engineering and restoration
- D. Special session on reservoir sedimentation
- E. Special session on Swiss competences in river engineering and restoration (in collaboration with the Swiss Committee on Flood Protection - KOHS)

Dates

- Abstract submission: September 15, 2013
- Abstract notification: November 1, 2013
- Paper submission: February 1, 2014
- Paper notification: April 1, 2014
- Revised paper submission: June 1, 2014
- Master Classes: September 2, 2014
- Conference: September 3 to 5, 2014
- Technical tour: September 6, 2014
- Post-conference tour: September 7 to 9, 2014

IAHR Committee on Fluvial Hydraulics

- Mustafa Altınakar, Chair
- Andreas Ditttrich, Vice Chair
- Ana Maria da Silva, Past Chair
- Jose Rodríguez, Member
- Yee-Meng Chiew, Member
- Hendrik Havinga, Member
- André Paquier, Member
- Angelo Leopardi, Member
- A. Salehi Neyshabouri, Co-opted member
- Sandra Soares-Frazão, Co-opted member

International Scientific Committee: see Conference website

Papers

Scientific papers according to the themes are subjected to a peer review process to assure maximum quality. The proceedings are published in collaboration with a scientific publisher and will be indexed in a bibliographic database. Besides scientists and researchers, professional engineers are also invited to submit their best-practices work or experience.

Master Classes

Master Classes are organized in the form of workshops on specific topics in river hydrodynamics, morphology, and sediment transport. These workshops take place before the conference and are intended for PhD and MSc Students, as well as young researchers, giving them the opportunity to

present and discuss their research project and the derived results. Introductory lectures and personal advice are provided by several high ranked senior scientists. Interested students have to submit a CV and a description of their research work as basis for the selection process. The Master Classes topics are related to the conference and other themes, and will be announced later, together with the names of the masters.

Lausanne

Lake Geneva, the biggest lake in Western Europe, constitutes a tremendous asset for the Lausanne region. Switzerland's fourth largest city, Lausanne, has the distinction of being an Olympic city with a long history, cultural heritage, and a splendid natural beauty. In addition of being a highly popular tourist destination, the city is also home to a number of international companies and organizations.

Geneva GVA, located 45 min from Lausanne by train, is the closest international airport served by many low-cost airlines. From Lausanne main station, the metro line M1 connects the city with EPFL campus (stop EPFL, 16 min). There is also a direct train connection from Zurich ZRH international airport to Lausanne (2h).

Tourist information: www.lausanne-tourisme.ch

The Lavaux Vineyard Terraces near Lausanne are a World Heritage of UNESCO (Régis Colombo, www.diapo.ch)

Ecole Polytechnique Fédérale de Lausanne

River Flow 2014 will be held on the EPFL campus. The campus is located next to the lake and connected to the center of Lausanne by the metro. EPFL is one of the two Swiss Federal Institutes of Technology. Since the inauguration of the actual campus in 1969, EPFL has grown rapidly to become one of Europe's most innovative and productive scientific institutions. With over 350 laboratories and research groups on campus, EPFL is ranked top 3 in Europe and top 20 worldwide in many scientific rankings.

About EPFL: www.epfl.ch

Technical tour

On Saturday (September 6, 2014), after the conference, a technical tour visiting the ongoing river training and restoration works at the Upper Rhone River has been arranged. It is the most important river engineering project in Switzerland, with a total investment of some 1.3 Billion Swiss Francs.

Post-conference tour

From Sunday to Tuesday (September 7 to 9, 2014), i.e. after the technical tour, a post-conference tour will visit some world famous touristic sites in Western Switzerland, combined with stops at flood protection and revitalization projects. In addition, several hydraulic structures as dams and hydropower plants will be included in the tour.



Rhone River in alpine Canton of Wallis (Tony Arborino)

Host and contact

Laboratory of Hydraulic Constructions (LCH)
Ecole Polytechnique Fédérale de Lausanne (EPFL)
Station 18, CH-1015 Lausanne, Switzerland
Email: riverflow2014@epfl.ch