

Information about the IAHR – Stuttgart Student Chapter (IAHR-SSC):

Internationally oriented activities of the WAREM & ENWAT students led to the formation of a student chapter of the International Association of Hydraulic Engineering and Research (IAHR) at the Universität Stuttgart on June 30, 2000.

The IAHR - Stuttgart Student Chapter (IAHR-SSC) was established under the following objectives:

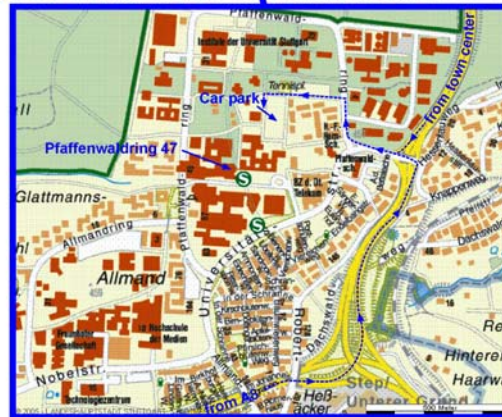
- To provide an orientation for new students at the Universität Stuttgart within the water-related study programs.
- To actively involve its members in the international community of hydraulic engineering and research.
- To enable its members to gain experience and contacts for their future careers through involvement in an international hydraulics association.
- To further broaden the knowledge of its members in the field of hydraulic engineering and research, through participation in field excursions and seminar activities, collaboration with other Student Chapters, participation in IAHR Congresses and other meetings.
- To further, within its locality, the purposes and programs of the International Association of Hydraulic Engineering and Research (IAHR).

After 5 years the IAHR-SSC can look back on a multitude of successful activities, which is encouraging for further work in future years.

For further information please contact:

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www.iws.uni-stuttgart.de/iahr-student-chapter

Directions:



Arrival by S-Bahn (from the main station):

S1, S2 or S3 in direction of Herrenberg or Filderstadt – exit at the “Universität” stop

Arrival by S-Bahn (from the airport):

S1, S2 or S3 in direction of Plochingen, Schorndorf or Backnang – exit at the “Universität” stop

Arrival by car (from the A8):

At junction “Autobahnkreuz Stuttgart” get on the A831 in direction to city center. Follow the signs for “Universität”.



STUTTGART STUDENT CHAPTER

COLLOQUIUM 2005

An integrated approach to the challenges of the changing Danube River

Wednesday, June 29, 2005,
10:00 – 16:30

Stuttgart-Vaihingen, Pfaffenwaldring 47,
Hörsaal V47.04

INVITATION

Sponsored by:



IAHR – Stuttgart Student Chapter Colloquium 2005

The aim of the annual IAHR-SSC Colloquium is to enhance the dialogue between students, scientists and engineers with practical experiences in water related fields. The various view points of the participants often results in interesting and influential discussions which may help to find appropriate solutions for many problems in global water issues. Moreover the contact between the participants can lead to an opportunity for cooperation on future projects.

Against the background of a large number of WAREM and ENWAT students at the Universität Stuttgart coming from countries situated along Europe's second largest river – the Danube – it seems appropriate to focus the IAHR-SSC colloquium 2005 on that remarkable river flowing through 10 countries in Middle- and Eastern Europe.

The Danube catchment area with a surface area of 800,000 km² and more than 80 million residents is faced with a multitude of water related problems such as water supply, flood protection, hydropower, navigation, as well as environmental aspects. For each of these problems integrated solutions are needed. Besides the technical challenges the international aspects of the river have to be considered, as most of the problems can only be solved by overcoming borderlines.

The IAHR-SSC Colloquium in 2005 provides a great opportunity for all interested students, scientists and engineers to get an insight into the challenges concerning the Danube River. You will be taken on a journey along the Danube River, presenting many interesting projects with different purposes.

As every year, the Colloquium is free of charge!

Program:

10:00 Welcoming address

Dipl.-Ing. Rüdiger Siebel
Institute of Hydraulic Engineering, Universität Stuttgart
President of the IAHR-SSC

Prof. Dr. rer. nat. Dr.-Ing. habil. András Bárdossy
Managing Director of the Institute of Hydraulic Engineering, Universität Stuttgart

10:15 IAHR – a global network for meeting international water challenges

Dr. Christopher George
Executive Director of the International Association of Hydraulic Engineering and Research (IAHR), Madrid, Spain

10:30 Ecological aspects of the revitalisation of the Danube River near Hundersingen

Dipl.-Biol. Oliver Kaiser
Institute for Landscape Management, Albert-Ludwigs-Universität Freiburg

11:00 Danube revitalisation at Hundersingen: Hydraulic modelling and engineering design

Prof. Dr.-Ing. Silke Wieprecht & Dipl.-Ing. Andreas Eisner
Institute of Hydraulic Engineering, Universität Stuttgart

11:30 The navigation support system ARGO on the river Danube

BOR Dipl.-Ing. Jürgen Kellermann
Bundesanstalt für Wasserbau (BAW), Karlsruhe

12:00 Lunchbreak

13:00 Drinking water from the Danube: Treatment of river water

Dr. Regine Fischeider
Zweckverband Landeswasserversorgung, Stuttgart

13:30 Possible futures of groundwater resources in the upper Danube catchment under conditions of global climate change

Dr. rer. nat. Roland Barthel
Institute of Hydraulic Engineering, Universität Stuttgart

14:00 Integrated river engineering methods on the Austrian Danube: Bed stabilisation, navigation and ecology

Ao. Univ. Prof. Dipl.-Ing. Dr. nat. techn. Helmut Habersack
Institute of Water Management, Hydrology and Hydraulic Engineering, University of Natural Resources and Applied Life Sciences, Vienna, Austria

14:30 Coffee break

15:00 Barrages on the Danube: Hydrological impact, dispute and controversy along the central reach

Dr. Gabor Balint
VITUKI Environmental and Water Research Institute, Budapest, Hungary

15:30 Aspects of water resources management under changing climate conditions

Prof. Dr. Wolfram Mauser
Institute of Geography, Ludwig-Maximilians-Universität Munich

16:00 Closing remarks

Prof. em. Dr. h.c. Dr.-Ing. E.h. Helmut Kobus, Ph. D.
Institute of Hydraulic Engineering, Universität Stuttgart