12th ICOLD European Club Symposium
75th anniversary of the Swiss Committee on Dams

The Swiss Committee on Dams is happy to invite you to the 12th ICOLD European Club Symposium, which will be held from the **5th to the 8th of September 2023** in Interlaken. Joining us will be a great opportunity to participate in the festivities around the 75th anniversary of the Swiss Committee on Dams, founded in 1948.

Today, new and unexpected challenges arise for Europe's large array of existing dams, and fresh perspectives on the development of new projects for supporting Europe's energy transition have emerged. These new challenges are at the core of the themes proposed for development during the Symposium.

The 75th anniversary of the Swiss Committee on Dams will give an excellent opportunity to not only draw from the retrospective of Switzerland's extensive history of dam development, but to also reveal perspectives on the new role of dams for a safer energy transition. This will be particularly commemorated in the Swiss Day sessions.

A series of workshops in various domains of dam design and safety will be proposed prior to the Symposium.

A field visit to the construction site of the new Spitallamm double curvature arch dam will give a flavour of the challenges related to the construction of a new structure at the foot of an existing one.

We are eager to meet you in Interlaken in 2023!

Robert Boes
President of the Swiss Committee on Dams

12th ICOLD European Club Symposium
Swiss Committee on Dams 2023
75

Symposium

Role of dams and reservoirs in a successful energy transition

Theme A
Dams and reservoirs for hydropower in Europe

- Opportunity for energy generation and storage
- Large-scale storage reservoirs
- Pumped storage reservoirs
- New energy potential (PV, …)
- Efficiency increase of existing schemes

Theme B
Dams and reservoirs for climate change adaptation in Europe

- Balancing extreme hydrological conditions (floods, droughts)
- Protection against floods
- Protection against other natural hazards (mass movements, glacier lake outburst floods, …)
- Irrigation and water supply
- Multipurpose dams

Theme C
Impact mitigation of dams and reservoirs in Europe

- Environmental flows
- Sediment continuum
- Fish passage
- Hydropeaking
- Greenhouse gas emissions

Theme D
How to deal with ageing dams in Europe

- Dam safety
- Upgrade and refurbishment
- Extension and renewal
- Incorporating new purposes
- Decommissioning

Interlaken Tourismus Byline: swiss-image.ch/Jost von Allmen

Important deadlines

Abstract submission:	30 September 2022
Abstract acceptance:	30 November 2022
Full paper submission:	31 March 2023
Full paper acceptance:	31 May 2023
Registration opening:	March 2023

A book of proceedings, gathering the papers presented at the Symposium, will be edited and distributed to each participant.

Workshops

The following themes are proposed for the workshop series, organised prior to the Symposium:

- Earthquakes and dams
- Hydraulics of dams
- Special design topics: RCC and CFRD

Organising Committee

Chairman	Patrice Droz
Finances	Raphaël Leroy
Symposium/Proceedings	Robert Boes
ICOLD / European Club	Anton Schleiss
Sponsoring	Laurent Mouvet
Technical exhibition	Cornelius Torkuhl
Tours and excursions	Andres Fankhauser
Dinner events	Young Professionals
75th anniversary	Jean-Claude Kolly
Support from SFOE	Rocco Panduri

Program outline

Sept.	Tuesday 5	Wednesday 6	Thursday 7
Morning		**Symposium Opening**	**Symposium: 7th / 8th sessions**
	Workshops	**Symposium: 1st / 2nd sessions** (parallel sessions)	**Symposium: 9th / 10th sessions**
All day		Technical exhibition; exhibition of 75th Anniversary of Swiss CoD	Technical exhibition; exhibition of 75th Anniversary of Swiss CoD
Afternoon	**Workshops** and Meetings*	**Symposium: 3rd / 4th sessions**	
		Symposium: 5th / 6th sessions	**Swiss Day sessions**
Evening	Appetizers	Welcome reception	75th anniversary dinner

*European Club, Symposium Officers, European Club working Groups, Swiss Technical Committees

and

Friday, Sept. 8
Field trip and technical visits

Field trip and technical visits

Photo: David Birri

- Spitallamm Dam construction
- Hydropeaking compensation basin
- Local river widening
- Fish passage structures
- Natural gorges in the Bernese Alps

Photo: David Birri

Registration fees

Symposium including Swiss Day	CHF 750
Swiss Day only	CHF 500
Additional fee for Workshop	CHF 150
Workshop, Symposium, Swiss Day for Young Professionals (<35 years)	CHF 500
Complementary fee for field trip	CHF 120

Venue

The Workshops and Symposium will take place in the Congress Center Kursaal Interlaken, a fascinating venue that offers all the facilities such an event needs and deserves.

Accommodation

Interlaken offers a wide variety of hotel and accommodation possibilities. Numerous hotel rooms have been pre-reserved for the comfort of all the participants.

Information

WEB site:
https://www.ecsymposium2023.ch
Contact:
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