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 Spitalann 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

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**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
- Hydrospeaking
- 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

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**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**

Chairsman: Patrice Droz
Finances: Raphaël Leroy
Symposium/Proceedings: Robert Boes
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

<table>
<thead>
<tr>
<th>Sept.</th>
<th>Tuesday 5</th>
<th>Wednesday 6</th>
<th>Thursday 7</th>
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<tbody>
<tr>
<td>Morning</td>
<td>Symposium Opening</td>
<td>Symposium: 7th / 8th sessions</td>
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<tr>
<td>Workshops</td>
<td>Symposium: 1st / 2nd sessions (parallel sessions)</td>
<td>Symposium: 9th / 10th sessions</td>
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<tr>
<td>All day</td>
<td>Technical exhibition; exhibition of 75th Anniversary of Swiss CoD</td>
<td>Technical exhibition; exhibition of 75th Anniversary of Swiss CoD</td>
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<tr>
<td>Afternoon</td>
<td>Workshops and Meetings*</td>
<td>Symposium: 3rd / 4th sessions</td>
<td>Swiss Day sessions</td>
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<tr>
<td></td>
<td>Symposium: 5th / 6th sessions</td>
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<tr>
<td>Evening</td>
<td>Appetizers</td>
<td>Welcome reception</td>
<td>75th anniversary dinner</td>
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*European Club, Symposium Officers, European Club working Groups, Swiss Technical Committees and European Club working Groups, Swiss Technical Committees

### Field trip and technical visits

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

### Registration fees

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee (CHF)</th>
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<tr>
<td>Symposium including Swiss Day</td>
<td>750</td>
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<tr>
<td>Swiss Day only</td>
<td>500</td>
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<tr>
<td>Additional fee for Workshop</td>
<td>150</td>
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<tr>
<td>Workshop, Symposium, Swiss Day for Young Professionals (&lt;35 years)</td>
<td>500</td>
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<tr>
<td>Complementary fee for field trip</td>
<td>120</td>
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### 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: Andrea Balestra, Secretary of the Swiss Committee on Dams, swissdams@lombardi.group