

12th ICOLD European Club Symposium 2023



Programme 12th ICOLD European Club Symposium 2023

Tuesday 5th September to Friday 8th September 2023

Congress Centre Kursaal Interlaken, Switzerland

12th ICOLD European Club Symposium 2023



TUESDAY 5 SEPTEMBER

**WORKSHOPS
EUROPEAN CLUB BOARD
EUROPEAN WORKING GROUPS
SWISS EXHIBITION**

Workshops

08:30 – 20:00
09:30 – 10:00
10:00 – 12:00
12:00 – 13:00
13:00 – 15:00
13:00 – 15:00
15:00 – 15:30
15:30 – 17:30

Registration for Workshop and Symposium
Welcome – Coffee Break
Workshop Earthquakes and Dams
Light lunch
Workshop Hydraulics of dams
Workshop Pendulums (parallel session)
Coffee Break (Jungfrau)
Workshop RCC & CFRD

Foyer Nord
Foyer Nord
Brünig 1-2
Foyer Nord
Brünig 1-2
Grimsel 1
Foyer Nord
Brünig 1-2

European Club

15:30 – 18:30

European ICOLD Club Board Meeting (Reporting of EWG Chair 18:00 - 18:30)

Grimsel 1

European Working Groups

13:00 – 15:00
13:00 – 15:00
14:00 – 17:00

EWG Penstocks and Pressure Shafts
EWG Dikes and Levees
EWG Dams and Earthquakes

Harder 1
Harder 2
Grimsel 2

Swiss Exhibition

18:00 – 18:30
18:30 – 20:00

Visit of Swiss exhibition
Apéro light

Club Casino/Rondell
Club Casino/Rondell

Symposium registration

08:30 – 20:00

Symposium Registration

Foyer Nord

12th ICOLD European Club Symposium 2023



WEDNESDAY 6 SEPTEMBER

SYMPOSIUM DAY 1
TECHNICAL EXHIBITION
SWISS EXHIBITION

Symposium Day 1

07:15 – 20:00

Secretariat - Symposium Registration

Foyer Ost

08:30 – 08:35

Welcome by Prof. R. Boes, President of Swiss Committee on Dams

Theatersaal

08:35 – 08:45

Welcome by Mrs. S. Lazaridou, President European Club of ICOLD

Theatersaal

08:45 – 08:55

Welcome by Mr Christoph Betschart, Interlaken Municipal Council and Head of Finance

Theatersaal

08:55 – 09:15

Keynote speech by Mr. Michel Lino, *President ICOLD CIGB*

Theatersaal

09:15 – 09:35

Keynote speech by Mr. A. Palmieri, Consultant ITCOLD

Theatersaal

09:35 – 09:55

Keynote speech by Mr. W. Luginbühl, President Swiss Federal Electricity Commission

Theatersaal

10:00 – 10:30

Coffee Break

Konzerthalle +

10:30 – 12:00

Session 1 Theme D

Theatersaal

10:30 – 12:00

Session 2 Theme A

Ballsaal

12:00 – 13:30

Standing lunch

Konzerthalle +

12:00 – 13:30

Young Professionals meeting

Ballsaal

13:30 – 15:00

Session 3 Theme D

Theatersaal

13:30 – 15:00

Session 4 Theme B

Ballsaal

15:00 – 15:30

Coffee Break

Konzerthalle +

15:30 – 17:00

Session 5 Theme C

Theatersaal

15:30 – 17:00

Session 6 Theme A

Ballsaal

WEDNESDAY 6 SEPTEMBER

**SYMPOSIUM DAY 1
TECHNICAL EXHIBITION
SWISS EXHIBITION**

Technical Exhibition

09:00 – 18:30

17:00 – 20:00

Technical Exhibition

Wine & Cheese

Konzerthalle

Konzerthalle

Swiss Exhibition

09:00 – 20:00

Expo + Young Professionals explanations

Club Casino/Rondell

12th ICOLD European Club Symposium 2023



THURSDAY 7 SEPTEMBER

SYMPOSIUM DAY 2

SWISS DAY – 75th ANNIVERSARY SWISS COMMITTEE ON DAMS

TECHNICAL EXHIBITION

SWISS EXHIBITION

SWISS NIGHT – 75th ANNIVERSARY GALA DINNER

Symposium Day 2

07:45 – 17:00

Secretariat - Symposium Registration

Foyer Ost

08:30 – 10:05

Session 7 Theme D

Theatersaal

08:30 – 10:00

Session 8 Theme C

Ballsaal

10:00 – 10:30

Coffee Break

Konzerthalle +

10:30 – 11:45

Session 9 Theme D

Theatersaal

11:45 – 12:00

Conclusion on Ageing of Dams—Mr. F. Lazaro, Senior Dam Specialist, World Bank Group

Theatersaal

10:30 – 12:00

Session 10 Theme B

Ballsaal

12:00 – 13:30

Standing Lunch

Konzerthalle +

Swiss Day -

75TH Anniversary Swiss Committee on Dams

13:30 – 13:35

Welcome address and introduction, Prof. Robert Boes, President of the Swiss Committee on Dams

Theatersaal

13:35 – 13:40

Film

Theatersaal

13:40 – 14:00

Welcome address, Dr. Albert Röstli, Swiss Federal Councillor, Depart. of Environment, Transport, Energy and Communications

Theatersaal

14:00 – 14:20

Swiss dams: overview of historical development, Prof. em. Anton Schleiss, Hon. President CIGB- ICOLD and STK/CSB

Theatersaal

THURSDAY 7 SEPTEMBER

SYMPOSIUM DAY 2
 SWISS DAY – 75th ANNIVERSARY SWISS COMMITTEE ON DAMS
 TECHNICAL EXHIBITION
 SWISS EXHIBITION
 SWISS NIGHT – 75th ANNIVERSARY GALA DINNER

14:20 - 14:40	Energy context in Switzerland and role of Hydropower reservoirs, Mr. Yves Zumwald, CEO Swissgrid	Theatersaal
14:40 – 15:00	Swiss dam engineering in the world, Dr. Patrice Droz, President of the Organizing Committee of ECS2023	Theatersaal
15:00 – 15:40	Coffee Break	Theatersaal
15:40 – 16:00	Dam heightening in Switzerland, Mr. Alexandre Wohnlich, Board member of the Swiss Committee on Dams	Theatersaal
16:00 – 16:20	Multi-purpose dams and water resources management in the Alpine context, Prof. Emmanuel Reynard, Université de Lausanne	Theatersaal
16:20 – 16:35	Outstanding past Swiss dam engineers, Prof. em. Willi Hager	Theatersaal
16:35 – 16:55	Role of Swiss dams and reservoirs in the future, Prof. Robert Boes	Theatersaal
16:55 – 17:00	Introduction of the study tour on Friday to KWO Power Plant Oberhasli	Theatersaal
17:00 – 17:40	Coffee Break	Ballssaal / Rondell
17:40 – 18:35	<i>ROUND TABLE - moderated by Dr Nicole Frank, journalist , with Michel Lino – Président du CIGB-ICOLD Benoit Revaz, Directeur de l'Office fédéral de l'énergie Laurent Mouvet – Vice-président du CIGB-ICOLD Serafaina Lazaridou – Président du Club européen du CIGB Robert Boes – Président du Comité suisse des barrages, ETH Zurich Yves Zumwald – CEO Swissgrid SA Felipe Lazaro – Spécialiste principal des barrages, la Banque mondiale</i>	Theatersaal
18:35 – 18:45	Q & A	Theatersaal
18:45 – 18:50	Closure	Theatersaal
Technical Exhibition 09:00 – 15:30	Technical Exhibition	Konzerthalle

THURSDAY 7 SEPTEMBER

SYMPOSIUM DAY 2
 SWISS DAY – 75th ANNIVERSARY SWISS COMMITTEE ON DAMS
 TECHNICAL EXHIBITION
 SWISS EXHIBITION
 SWISS NIGHT – 75th ANNIVERSARY GALA DINNER

Swiss Exhibition

09:00 – 15:30

Expo + Young Professionals explanations

Club Casino/Rondell

Swiss Night – 75th Anniversary Gala Dinner

19:00 – 19:20

19:20 – 23:00

21:15 – 22:15

23:30

Apéro Sekt

75th Anniversary Swiss Committee on Dams Gala Dinner

Musical entertainment with Oesch die Dritten

END

Kongress-Saal

Kongress-Saal

Kongress-Saal

12th ICOLD European Club Symposium 2023



FRIDAY 8 SEPTEMBER

FIELD TRIP AND TECHNICAL STUDY TOURS
GRIMSEL HOSPIZ
HANDECK POWER PLANT
INNERTKIRCHEN POWER PLANT
GADMEN/FUHREN POWER PLANT

Field Trip and Technical Visits

08:00 – 17:30

[Refer to schedules below](#)

Field Trip and Technical Visits

- Visit A – Grimsel Hospiz - new Spitalamm arch dam and heightening project**
- Visit B – Handeck KWO - Penstock rehabilitation project.**
- Visit C – Innertkirchen KWO - Hydropeaking**
- Visit D - Gadmen/Fuhren - Fish passage structures, Trift dam project.**

Group 1 (1 bus)

Tour schedule

- 08.00 – 09:30**
- 09:30 – 10:45**
- 10:45 – 11:15**
- 11:15 – 12:00**
- 12:00 – 12:45**
- 12:45 – 14:15**
- 14:15 – 14:30**
- 14:30 – 15:15**
- 15:15 – 15:45**
- 15:45 – 16:45**
- 16:45 – 17:30**

Interlaken Kursaal - Grimsel Hospiz – Handeck KWO – Gadmen/Fuhren – Innertkirchen KWO – Interlaken Kursaal

- Departure Interlaken and transfer**
- Arrival Grimsel Hospiz, coffeebreak, visit of new Spitalamm arch dam and heightening project.**
- Departure Grimsel Hospiz and transfer**
- Arrival Handeck KWO, visit of penstock rehabilitation project.**
- Departure Handeck KWO and transfer**
- Arrival Gadmen, lunch**
- Departure Gadmen and transfer**
- Arrival at Fuhren, visit of fish passage structure and Trift dam project.**
- Departure Fuhren and transfer**
- Arrival Innertkirchen KWO, visit of hydropeaking measures, coffeebreak**
- Departure Innertkirchen KWO and bus transfer**

17:30 Arrival in Interlaken

FRIDAY 8 SEPTEMBER

FIELD TRIP AND TECHNICAL STUDY TOURS

**GRIMSEL HOSPIZ
HANDECK POWER PLANT
INNERTKIRCHEN POWER PLANT
GADMEN/FUHREN POWER PLANT**

Group 2 (1 bus)

Tour schedule

**08.00 – 09:30
09:00 – 10:00
10:00 – 10:30
10:30 – 11:30
11:30 – 12:15
12:15 – 13:45
13:45 – 14:00
14:00 – 14:45
14:45 – 15:15
15:15 – 16:15
16:15 – 17:30**

Interlaken Kursaal - Handeck KWO – Grimsel Hospiz – Innertkirchen KWO – Gadmen/Fuhren – Interlaken Kursaal

**Departure Interlaken and transfer
Arrival Handeck KWO, coffeebreak, visit of penstock rehabilitation project.
Departure Handeck KWO and transfer
Arrival Grimsel Hospiz, visit of new Spitallamm arch dam and heightening project.
Departure Grimsel Hospiz and transfer
Arrival Innertkirchen, lunch
Departure Innertkirchen and transfer
Arrival Innertkirchen KWO, visit of hydropeaking measures.
Departure Innertkirchen KWO and transfer
Arrival Fuhren, visit of fish passage structure and Trift dam project, coffeebreak
Departure Fuhren and transfer**

17:30 Arrival in Interlaken

Group 3 (1 bus)

Tour schedule

**08.00 – 08:45
08:45 – 09:45
09:45 – 10:15
10:15 – 11:00
11:00 – 12:00
12:00 – 13:30
13:30 – 13:45
13:45 – 14:30
14:30 – 15:00
15:00 – 16:00
16:00 – 17:30**

Interlaken Kursaal - Innertkirchen KWO – Gadmen/Fuhren - Handeck KWO - Grimsel Hospiz - Interlaken Kursaal

**Departure Interlaken and transfer
Arrival Innertkirchen KWO, coffeebreak, visit of hydropeaking measures.
Departure Innertkirchen KWO and transfer
Arrival Fuhren, visit of fish passage structure and Trift dam project.
Departure Fuhren and transfer
Arrival Handeck (Hotel), lunch
Departure Handeck (Hotel)
Arrival Handeck KWO, visit of penstock rehabilitation project.
Departure Handeck KWO and transfer
Arrival Grimsel Hospiz, visit of new Spitallamm arch dam and heightening project, coffeebreak
Departure Grimsel Hospiz and transfer**

17:30 Arrival in Interlaken

FRIDAY 8 SEPTEMBER

FIELD TRIP AND TECHNICAL STUDY TOURS

**GRIMSEL HOSPIZ
HANDECK POWER PLANT
INNERTKIRCHEN POWER PLANT
GADMEN/FUHREN POWER PLANT**

Group 4 (1 bus)

Tour schedule

08.00 – 09:15

09:15 – 10:15

10:15– 10:45

10:45– 11:30

11:30 – 12:15

12:15 – 13:45

13:45 – 14:45

14:45 – 15:15

15:15 – 16:15

16:15– 17:30

Interlaken Kursaal - Gadmén/Führen - Innertkirchen KWO - Grimsel Hospiz - - Handeck KWO - Interlaken Kursaal

Departure Interlaken and transfer

Arrival Führen, coffeebreak, visit of fish passage structure and Trift dam project.

Departure Führen and transfer

Arrival Innertkirchen KWO, visit of hydropeaking measures.

Departure Innertkirchen KWO and transfer

Arrival Grimsel Hospiz, lunch

Visit of new Spitallamm arch dam and heightening project

Departure Grimsel Hospiz and transfer

Arrival Handeck KWO, visit of penstock rehabilitation project, coffeebreak

Departure Handeck KWO and transfer

17:30 Arrival in Interlaken