



17th ICOLD International Benchmark Workshop
on Numerical Analysis of Dams,

9th – 12th April, Sofia, BULGARIA



Final working Program

9th – 11th April 2025, Panorama Hall, Inter Expo Center, Sofia

Wednesday, 9th April

09:00 – 10:00 Registration

10:00 – 10:30 Opening; welcome addresses

Presentations on Theme B: First Impoundment of Plovdivtzi asphalt-concrete core rockfill dam

10:30 – 11:00 Presentation on Theme B formulation – Anton Tzenkov, BAfE

11:00 – 11:30 Coffee break

11:30 – 11:50 Daniel Verret and Mourad Karray, Hydro – Quebec

11:50 – 12:10 Sandra Krakovic, Gruner Balkans

12:10 – 13:00 Analysis of the results on Theme B – Anton Tzenkov, BAfE

13:00 – 14:00 Lunch break

Presentations on Theme C: Calibration and prediction of the rockfill behavior of a 210m CFRD

14:00 – 14:30 Presentation on Theme C formulation – Frédéric Andrian and Bruno Conte, Artelia

14:30 – 14:50 Christos Dimopoulos, University of Thessaly

14:50 – 15:10 Frédéric Andrian and Bruno Conte, Artelia

15:10 – 15:30 Panos Dakoulas, University of Thessaly

15:30 – 16:00 Coffee break

16:00 – 17:00 Analysis of the results on Theme C – Frédéric Andrian and Bruno Conte, Artelia

The discussion is after each presentation within the mentioned total time.

Thursday, 10th April

Presentations on Theme A: Three-dimensional seismic analysis of Tsankov kamak dam (double curvature concrete arch dam)

- 09:00 – 09:30 Presentation on Theme A formulation – Dimitar Kisliakov, BUNCOLD
- 09:30 – 09:50 Konstantinos Kassas et al., AFRY
- 09:50 – 10:10 Pedro Manso et al., MHYD Group
- 10:10 – 10:30 Giorgia Faggiani et al., RSE
- 10:30 – 11:00 Coffee break**
- 11:00 – 11:20 Stevcho Mitovski, Ss Cyril and Methodius University of Skopje
- 11:20 – 11:40 Omid Abdi, Glosea
- 11:40 – 12:00 Bikram K. Patra, Concordia University
- 12:00 – 12:20 Marco Lamberti, Lombardi
- 12:20 – 14:00 Lunch break**
- 14:00 – 14:20 Frédéric Andrian and Bruno Conte, Artelia & Itasca
- 14:20 – 14:40 Petros Gianaros and Dikshant S. Saini, HDR
- 14:40 – 15:00 Grégory Coubard and Claire Pralong, EDF
- 15:00 – 15:30 Coffee break**
- 15:30 – 16:50 Analysis of the results on Theme A – Giorgia Faggiani and Antonella Frigerio, RSE

The discussion is after each presentation within the mentioned total time.

Friday, 11th April

Presentations on the Theme D – open Theme

09:00 – 09:30 Alexandre Simon, EDF

09:30 – 10:00 Marion Borel, EDF

10:00 – 10:30 Fernando Salazar, CIMNE

10:30 – 11:00 Coffee break

11:00 – 11:30 Caterina Nogara, Politecnico di Milano

11:30 – 12:00 Emmanuel Robbe, EDF

12:00 – 13:30 Lunch break

13:30 – 13:50 Presentation on Tsankov kamak dam for the Technical tour on 12th April – Martin Petkov, BUNCOLD

13:50 – 14:00 Closure of the Benchmark Workshop

The discussion is after each presentation within the mentioned total time.

The technical tour to Tsankov kamak dam will take place on 12th April.