

# WEBINAR

# «DAMS AND DIGITALISATION: NUMERICAL MODELS AND BIM»

TUESDAY, MAY 28, 2024

**View Points**

Preview	Name	Annotation
	Dam	
	Dam and Terreno	
	Home	
	Sensors	

**Red Lining**

AB Text Rectangle Ellipse Line

1 pt

**ViCon BIS**

Dashboard Sensores Planos Fotos

System

- Deformations in the foundation
- External Variables
- Horizontal movements (Pendulum)
- Horizontal movements (Topographie)
- Internal movements (Inclinometer)
- Joints and Cracks
- Leaks
- Thermal
- Units deformations
- Uplift and Interstitial Pressure
- Vertical movements

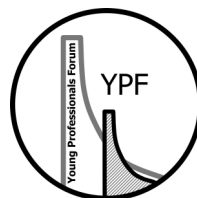
Actualizar BIS

**Tabla Sensores**

Status	Sistema	Tipo de Lectura	Sensor	Código Sensor	Descripción	Lectura	Medida	Unid.
10								
7								
2	Deformaciones en el cimiento	Fallo Lectura		E000UMEV01A1	1987 EV-01-A1	-	-	mm
				E000UMEV01A2	1988 EV-01-A2	-	-	mm

STREAMING

FREE ATTENDANCE



# PROGRAM

TIME AMERICA*	TIME SPAIN	TITLE
06:00	13:00	<b>INTRODUCTION AND WELCOMING REMARKS BY SPANCOLD</b> <ul style="list-style-type: none"><li>– Carlos Granell <i>President of SPANCOLD. GRANELL Engineers, Spain</i></li></ul>
06:10	13:10	<b>INTRODUCTION TO THE TECHNICAL PRESENTATIONS</b> <ul style="list-style-type: none"><li>– Mateja Klun <i>ICOLD YPF</i></li></ul>
06:15	13:15	<b>A GUIDELINE FOR THE NUMERICAL SIMULATION AND ANALYSIS OF CONCRETE ARCH DAMS</b> <ul style="list-style-type: none"><li>– Narjes Soltani <i>Polytechnic University of Valencia (UPV)</i></li></ul>
06:45	13:45	<b>DAM MONITORING AND SURVEILLANCE AT ITAIPU DAM</b> <ul style="list-style-type: none"><li>– Étore Funchal de Faria <i>Itaipu Binacional</i></li></ul>
07:15	14:15	<b>DIGITAL TOOLS AND SOLUTIONS FOR DAM AND RESERVOIR MANAGEMENT</b> <ul style="list-style-type: none"><li>– Stefan Hoppe <i>Ofiteco</i></li><li>– Rubén Sancho <i>IDEA INGENIERÍA</i></li></ul>
07:45	14:45	<b>UNDERSTANDING ACCURACY, UNCERTAINTY AND AUTOMATION OPPORTUNITIES FOR SPILLWAY CFD MODELING: THE GARRISON DAM CASE STUDY</b> <ul style="list-style-type: none"><li>– Jonathan Bouchard <i>Senior CFD Engineer with Flow Science</i></li></ul>
08:15	15:15	<b>ICOLD YOUNG PROFESSIONALS FORUM</b> <ul style="list-style-type: none"><li>– Mateja Klun <i>ICOLD YPF</i></li></ul>
08:20	15:20	<b>QUESTIONS AND ANSWERS</b>
08:40	15:40	<b>CLOSING REMARKS BY EURCOLD</b> <ul style="list-style-type: none"><li>– Alfredo Granados <i>EurCOLD, Polytechnic University of Madrid (UPM)</i></li></ul>

## FREE ATTENDANCE:

- **Streaming.** All those registered will automatically receive a ZOOM link to attend the Conference virtually, once they register.

Registration must be done only through the following link:



\* Time in Mexico DF, Guatemala, El Salvador, Nicaragua, Costa Rica (+1h in Panama, Colombia, Ecuador, Peru; +2h in Bolivia; +3h in Paraguay, Brasil, Uruguay, Argentina, Chile)