

## Purpose of the ICEFSI Conference

Fluid-structure interaction (FSI) gives rise to complex, non-linear phenomena whose applications extend to a variety of scientific and engineering fields. Consequently, various analytical, numerical and experimental methods have emerged worldwide over the last few decades to predict, study and quantify the effects of fluid-structure interaction.

This international conference aims to bring together experts from academia and industry worldwide, encouraging discussion and exchange of the latest research and results in the field of fluid-structure interaction. It also aims to highlight research trends and developments in this field over the coming years. During the three-day conference, 40 oral presentations and 21 posters are scheduled. A selection of presentations made during the conference can be offered for publication as full papers in partner journals.

## Summary Schedule

Day 1 Registration	Day 2 Registration	Day 3 Registration
Opening Conference	Session 4	Session 8
Poster Session 1	Poster Session 2	Poster Session 3
Plenary conference 1	Plenary conference 2	Plenary conference 3
Lunch	Lunch	Lunch
Parallel sessions 1-2	Parallel sessions 5-6	Sightseeing tour
Poster Session 1	Poster Session 2	
Session 3	Session 7	
		Conference dinner

## Sessions

8 oral presentation sessions are scheduled over the conference:

**Session 1:** Hydrodynamics  
**Session 2:** Soil and porous media  
**Session 3:** Heat transfer and thermohydraulics  
**Session 4:** Fluid flow around structures  
**Session 5:** Mechanical engineering  
**Session 6:** Fluid Flow and turbulence  
**Session 7:** Slashing tank  
**Session 8:** Hydraulic structures

# International Conference on Engineering Fluid Structure Interaction ICEFSI23



**November 13th - 15th 2023  
in Bejaia, Algeria**

Organized by



Research Laboratory of Applied Hydraulics and Environment LRHAE, Faculty of Technology, University of Bejaia, Algeria

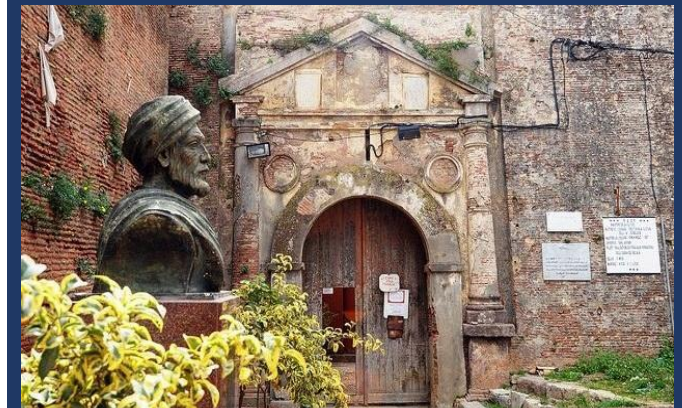


Cherbourg University Laboratory of Applied Sciences LUSAC, University of Caen Normandie, France



## Bejaia city

Bejaia, Vgayet in Tamazight (Kabyle); Bougie in French, and Saldae during the Roman era, is a city of history, science and knowledge. Recognized in the Middle Ages as one of the most prosperous cities on the Mediterranean coast and capital of great Muslim dynasties. It was known in Europe thanks to the quality of its candles made of beeswax to which it gave its name. It also played an important role in the dissemination of "Arabic numerals" in the West of Europe. The capital of the Hammadid dynasty has always been illuminated and radiant. It was enlightened by giving her hospitality to many erudites and men of letters and sciences such as Ibn Batouta, Ibn Khaldoun, Fibonnacci and so many others. It was illuminating in its turn, by constituting itself as a pole of scientific influence for Europe and all the neighboring regions. Bejaia is a city that brings together the present and the past thanks to its ancient and medieval remains on one side, and its recent constructions on the other. Wonderful landscapes and many natural tourist sites welcome thousands of tourists every year.



## Conference Chairs



Pr. Seghir, A.  
Head of the LRHAE  
University of Bejaia



Pr. Guillou, S.  
Head of the LUSAC  
University of Caen  
Normandy



Dr. Benaouicha, M.  
Head of Research &  
Innovation  
SEGULA Technologies

## Honorary Chairs

Pr. Benaïche, A., Rector of University of Bejaia  
Pr. Boukerrou, A., Dean of Faculty of Technology

## Organizing committee

Members :

Dr. Allouche, M.  
Dr. Becheur, A.  
Dr. Benzerra, A.  
Dr. Mezhoud, D.  
Pr. Sadaoui, D.  
Pr. Taib, N.

Dr. Amara, L.  
Dr. Bedjou, A.  
Dr. Banoune, B.  
Pr. Nait Bouda, F.  
Dr. Saou, A.

Secretary:

Ms. Isli, R.  
Ms. Bennai, N.

## Contact

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## Plenary Speakers



Pr. Aissani Djamil  
*LaMOS Research Unit, University of Bejaia, Algeria*  
Opening Conference  
**Medieval Béjaia**  
Center for the Transmission of The Mediterranean  
Knowledge



Pr. Guillou Sylvain  
*LUSAC Laboratory, Caen Normandy University, France*  
Plenary Conference 1  
**Marine Renewable Energies and Fluid structure Interaction**  
A recent story



Pr. Astolfi Jacques-André  
*French Naval Research Institute/Arts et Métiers, France*  
Plenary Conference 2  
**Experimental analysis of Fluid Induced Vibration on**  
**Lifting surfaces in a Hydrodynamic Tunnel**



Pr. Destuynder Philippe  
*LaSIE Laboratory, La Rochelle University, France*  
Plenary Conference 3  
**A Few Questions Arising in Optimal Control and Application**

The success of the conference is due to the kind financial and logistical support of the following organizations:

