



15. September. 2023 |

# HAROS

Health Monitoring and Retrofitting  
Of existing Structures

Conference in hybrid mode :



OnLine

&



InPerson



Maison Internationale de la Recherche (MIR)  
CY Cergy-Paris Université  
1 Rue Descartes, 95000 Neuville-sur-Oise.

## Objective and Scope :

Many countries throughout the world are seriously struggling to quantify and ensure the security of their built heritage and their aging infrastructure networks. These buildings are frequently exposed to hazardous environmental conditions, which decreases population safety. Therefore, engineers must be able to monitor the performance of existing structures and monuments throughout their lifetime for socioeconomic reasons related to the fact that construction and rehabilitation are very expensive processes.

The conference's aim is to investigate creative techniques and intelligent practices for structural health monitoring (SHM). The impact of climate extremes on the performance and long-term viability of built heritage will also be discussed. Finally, the event will focus in part on long-term rehabilitation.



**Mandatory registration :**



<https://l2mgc.cyu.fr/haros-2023>

## Conference chairs :



**George WARDEH**

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- ☑ University researchers,
- ☑ Civil engineering students,
- ☑ Professionals of building,
- ☑ and Infrastructures sectors..

**Are at the heart**  
of the conference.



Number of

**Participants**

limited to

**100 Online**

**& 100 In Person.**



Registration

**Deadline**

Friday

**May 26, 2023.**

# Keynote Speakers :



**Adel ABDALLAH**  
University of Lorraine  
LEMTA



**Jean-Paul BALAYSSAC**  
University of Toulouse  
LMDC



**Ismail BELLO**  
CY Cergy Paris University  
Universidade da Coruña



**Didier COMBESURE**

AFPS



**Gláucia Maria DALFRE**

Federal University of  
Sao Carlos (UFSCar)



**Belén González  
FONTEBOA**

Universidade da Coruña



**Elhem GHORBEL**

CY Cergy Paris University



**Sami HAGE-ALI**

University of Lorraine IJL



**Hala HASAN**

HIESR



**Bassam HWAJJA**

Tishreen University



**Aghiad KHADOUR**

Université Gustave Eiffel



**Sam-ang KEO**

Cerema



**Fernando MARTÍNEZ  
ABELLA**

Universidade da Coruña



**Julien MERCIER**

Freyssinet International



**Tharaa MUBARAK**

Tishreen University



**Pacal NICOLAY**

Carinthia University of  
Applied Sciences



**Shilpa PAL**

DTU



**Filippo UBERTINI**

University of Perugia