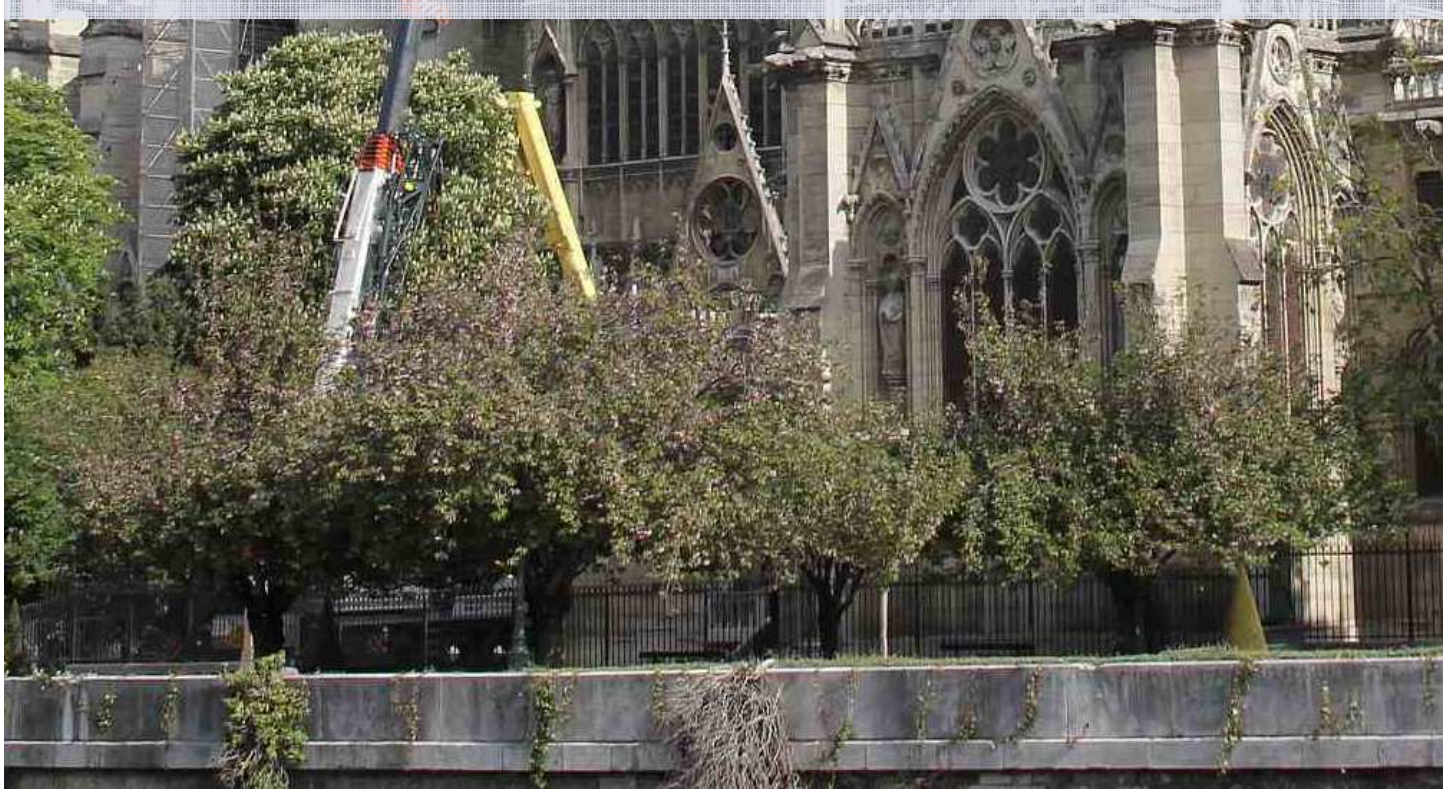
L2MGC
laboratoire de mécanique et materiaux du génie civil

CERGY PARIS UNIVERSITÉ

浙江科技學院
ZHEJIANG UNIVERSITY OF SCIENCE & TECHNOLOGY

2nd French-Chinese Forum on Materials and Structures of Civil Engineering

7th JULY 2021
8:30-12:30 (Paris hour)
14:30-18:30 (Beijing hour)



Organizer:

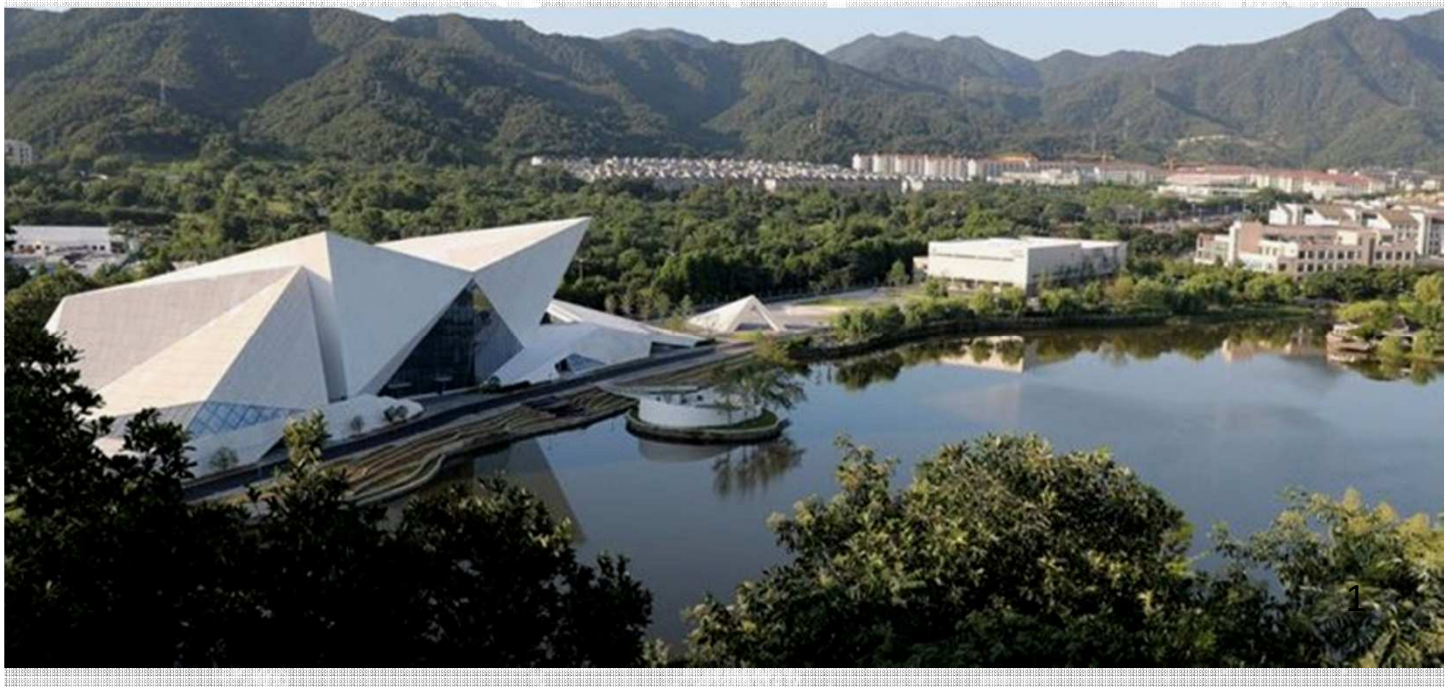
CY Cergy Paris University

Laboratoire de Mécanique et Matériaux du Génie Civil

Participant:

CY Cergy Paris University

Zhejiang University of Science & Technology



Free access link:

https://cyu-fr.zoom.us/j/93786419656?pwd=eVFPakgyR0V0NlN3d01PUXVXZDlMQT09
Meeting ID: 937 8641 9656
Secret Code: 43248594

Forum Agenda *(P: Paris hour, B: Beijing hour)*

Time	Presentation title	Author	Membership research institution
P 8:30-8:35 B 14:30-14:35	***"Welcome" by Jianzhong XIA, director of School of Civil Engineering and Architecture***		
P 8:35-8:40 B 14:35-14:40	***"Welcome" by Salima AGGOUN, director of L2MGC***		
P 8:40-9:00 B 14:40-15:00	Influence of elevated temperature on stone-built heritage	Javad ESLAMI	Associate professor, L2MGC
P 9:00-9:20 B 15:00-15:20	Effect of steel fiber on the crack permeability evolution and crack surface topography of concrete	Wei ZENG	Lecturer, ZUST
P 9:20-9:40 B 15:20-15:40	Reinforcement of mortar and masonry with glass multifilament yarns: a study of the impregnation and pull-out mechanisms	Anne-Claire SLAMA	Post-doctorate, L2MGC
P 9:40-10:00 B 15:40-16:00	Tentative Study on the Coherence Between Concrete Carbonation Velocity and Internal Pore Saturation in Different Exposure Directions	Yunyun TONG	Associate professor, ZUST
P 10:00-10:20 B 16:00-16:20	Experimental study on effects of concrete hydric state on its carbonation depth	Khadim NDIAYE	Associate professor, L2MGC

Forum Agenda *(P: Paris hour, B: Beijing hour)*

Time	Presentation title	Author	Membership research institution
P 10:20-10:35 B 16:20-16:35	***Resting time***		
P 10:35-10:55 B 16:35-16:55	Mechanical performance and micro-structure of ultra-deep shaft lining concrete in coastal environment	Yucheng ZHOU	Lecturer, ZUST
P 10:55-11:15 B 16:55-17:15	Materials compatibility study of a gallo-roman sanctuary: antic mortars, analogue of modern mortars used in underground disposal site for radioactive waste	Clément MATHIEU	PhD student, L2MGC
P 11:15-11:35 B 17:15-17:35	Effect of alkali pretreatment on the morphology and mechanical properties of cementitious composite containing bamboo waste	Mengya LI	Associate professor, L2MGC
P 11:35-11:55 B 17:35-17:55	Evaluation and monitoring of damage processes, from the laboratory to the field: Applications to radioactive waste storage issues and to building heritage preservation	Jérôme WASSERMANN	Research Engineer, L2MGC
P 11:55-12:15 B 17:55-18:15	Study on Permeability of Eco-friendly Ductile Cementitious Composites	Qiannan WANG	Lecturer, ZUST
P 12:15-12:30 B 18:15-18:30	***"End" by Yunyun TONG, director of School of International Education of ZUST***		

The 2nd French-Chinese forum on civil engineering materials and structures takes place in the frame of the Research Consortium in Civil Engineering signed between CY Cergy Paris Université (Cergy-Pontoise, France) and Zhejiang University of Science and Technology (Hangzhou, Zhejiang, China) in March 2018. It comes after the 1st forum on durability and preservation of build heritage carried out on 8-9th November 2018 at ZUST with the participation of about 60 persons.

The aim of the 2nd forum is to update the information on new developments within the concerned research teams (Laboratory of Mechanics and Materials of Civil Engineering from CY and School of Architecture and Civil Engineering from ZUST) and to continue the enriching exchanges between the Chinese and French experiences in the fields of materials and structures performances assessment, particularly when exposed to aggressive factors, in situ behavior monitoring and study of degradation mechanisms, reinforcement and repair and also new construction materials with low environmental footprint.

The 2nd forum will provide opportunity to initiate new collaborating projects between the two research teams in order to strengthen the French-Chinese synergy in the field of civil engineering research.

This forum is sponsored by CY Advanced Studies

Steering committee

Jean-louis GALLIAS
Bruno FIORIO
Yunyun TONG
Qiannan WANG