

M2CEM-2024



13-15 July, 2024



Dublin, Ireland

1st International Workshop on Microstructure and Microanalysis of Cementitious Materials

CONFERENCE TOPICS

- Hydration and formation of microstructure
- Theoretical basis and instrumentation of microanalysis for cementitious materials
- Development and application of novel microanalysis techniques for cementitious materials
- Relationship between microstructure and durability
- Curing technique and its influence on microstructure
- Rheology and microstructure evolution of cementitious materials
- Chemical admixture and its effect on microstructure
- Construction technique (e.g. 3D printing, sprayed application) and its effect on microstructure
- (Numerical) Modelling of microstructure and its influence on transport and degradation processes
- Data processing and error analysis
- Standards and specifications related to microanalysis of cementitious materials

CALL FOR ABSTRACTS

Authors are invited to submit one-page abstracts (up to 300 words without figures and tables) for selecting, grouping sessions and allocating oral/ poster presentations. Please submit abstracts by **1st April 2024**. **Extended abstract (maximum 4 pages) should be submitted by 1st June 2024**, prepared according to the template which will be provided on the conference website. All submissions should be made through the portal on the conference website.

KEY DATES

- Abstracts
1st April 2024
- Acceptance
15th April 2024
- Extended abstract
1st June 2024
- Early- Bird Registration
15th June 2024

ORGANISATION

Conference Chairs:

Hongzhou Zhang Trinity College Dublin
Yun Bai University College London

Organising Committee:

Jingbo Wang University College London
Jun Ren Yunnan University
Na Jia Trinity College Dublin
Shi Shi University College London
Yanfei Yue Chongqing University
Yuqi Shen University College London

CORRESPONDENCE

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TRINITY COLLEGE DUBLIN

Trinity College officially the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin is the sole constituent college of the University of Dublin, a research university in Dublin, Ireland. Queen Elizabeth, I issued a royal charter for the college in 1592 as "the mother of a university" that was modelled after the collegiate universities of both Oxford and Cambridge, but unlike these affiliated institutions, only one college was ever established.

Trinity College Dublin is one of the seven ancient universities of Great Britain and Ireland, and it is a sister college to both St John's College, Cambridge, and Oriel College, Oxford. By incorporation a graduate of Dublin, Oxford or Cambridge can be conferred the equivalent degree at either of the other two without further examination. Besides, currently, and historically, Trinity has been ranked by various studies among the 100 best universities worldwide.



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



 **UCL**



UNIVERSITY COLLEGE LONDON

Founded in 1826, UCL is London's leading multidisciplinary university, with around 50,000 students and 16,000 staff from over 150 different countries. It is a member of the Russell Group and G5 Group, and is consistently ranked as one of the world's leading universities (currently ranked No 9 in the world by QS). The Department of Civil, Environmental & Geomatic Engineering is a multidisciplinary department with a long tradition of excellence in teaching and research and currently holds the largest EPSRC research portfolio in civil engineering

DUBLIN

Dublin is the capital and largest city of Ireland. On a bay at the mouth of the River Liffey, it is in the province of Leinster, bordered on the south by the Dublin Mountains, a part of the Wicklow Mountains range.

