

RECENT ADVANCES IN EARTHQUAKE ENGINEERING

Dr. Georgios Papavasileiou

Earthquake engineering has progressed significantly in the past decades, allowing engineers to design buildings which can withstand very strong earthquakes and remain virtually undamaged. So, how can this be achieved? And, if earthquake-resistant design is so efficient nowadays, then what comes next?

This presentation aims to provide an insight on the recent advances and discuss the new trends in earthquake engineering. Dr. Papavasileiou will be presenting parts of his research that illustrate the efficiency of the proposed approaches, as well as the potential for further applications and future development.



Apr 6,
6.00 PM



Live
Webinar



University of Cyprus
Faculty of Engineering

Speaker



**Georgios
Papavasileiou**

Dr. Georgios Papavasileiou is a Lecturer in Civil and Construction Engineering at the University of Wolverhampton and a Senior Fellow of the Higher Education Academy. He holds a Diploma in 'Civil Engineering' (2007), a MSc. in 'New Materials and Technologies in the Design of Reinforced Concrete Structures' with emphasis on Earthquake Engineering (2008) from the Democritus University of Thrace and a MSc. in 'Engineering Project Management' from the Hellenic Open University (2017). He has worked as a Professional Civil Engineer and been member of professional bodies in Greece and Cyprus (2008-2018).

After receiving his PhD. in 'Civil Engineering' from the University of Cyprus (2014), he worked as a post-doctoral researcher at the University of Cyprus (2014-2015) and the University of West Attica (2015-2017) under scholarship of excellence (IKY-Siemens program). Before joining the University of Wolverhampton in 2020, he held Lecturer positions at the University of Applied Sciences of Thessaly (2016-2018) and the Mediterranean College (2017-2018) in Greece, as well as the University of the Highlands and Islands in the UK (2018-2020), where he was also the Program Leader for the MSc. in 'Civil Engineering'. He has served as a supervisor of 21 undergraduate, 8 postgraduate and 3 doctoral dissertations.

His publication record comprises amongst others 38 peer-reviewed journal and conference papers, 2 books and 5 theses and has been cited by numerous research works worldwide. He serves as a reviewer for 31 international peer-reviewed journals. His research combines the fields of structural and computational engineering with a focus on sustainable structural design and retrofit.



To attend the Zoom meeting
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