

Katedra Mechaniki Budowli i Materiałów
Wydział Inżynierii Lądowej
Politechniki Krakowskiej
Kraków, ul. Warszawska 24

SEMINARIUM

W czwartek 6 czerwca 2024 w sali 311

w budynku głównym PK

o godz. 9¹⁵

Prof. Mehrdad HEJAZI

University of Isfahan, Iran

przedstawi referaty

- 1. The Effect of Changes of Geometrical Parameters and Damage Occurrence on Dynamic Properties of Brick Masonry Arches Using Operational Modal Analysis*
- 2. Traditional Construction Techniques in Persia to Mitigate Earthquake Effects*



Mehrdad Hejazi is a Professor of Structural Engineering and Architectural Heritage in the Faculty of Civil Engineering, University of Isfahan, Isfahan, Iran (m.hejazi@eng.ui.ac.ir & mm.hejazi@yahoo.com). He is currently the Vice-President of ISCARSAH (International Scientific Committee on the Analysis and Restoration of Structures of Architectural Heritage). He is an expert member of ICOMOS-ISCARSAH, and the chief advisor to the Iranian Ministry of Cultural Heritage, Handicrafts and Tourism. He is the first scholar who has investigated Persian architecture from a structural engineering viewpoint and has published six books and more than 70 journal papers and 120 conference papers, mostly on this subject. He is an expert in the structural analysis, assessment and restoration of Persian historical buildings made of adobe and brick masonry. He has been the director of structural restoration of a number of National and World Heritage Sites in Iran. Recently, he has been working on scaled laboratory tests on traditional materials, re-design of traditional gypsum-based and lime-based mortars of a few centuries old, disaster risk management plan (DRMP) of World Heritage Sites, and fire risk assessment and management plan (FRMP) of World Heritage Sites.