Marios Pelekanos.

Architect Engineer, Assistant Professor, Frederick University Cyprus

Marios Pelekanos graduated as an architect engineer from the National Technical University of Athens in 1989, and received his M.Sc. in Advanced Architectural Studies, with Distinction, from Bartlett School of Architecture and Planning, University College London, in 1990. Since 2014 he is a PhD candidate at the National Technical University of Athens. From 1993 until 2011 he worked as a senior partner in the architectural firm Polytia- Armos with an extensive work of projects design and supervision and has been awarded prizes in eleven architectural competitions. He is currently a member of the Cyprus Technical Chamber, the Cyprus Architects Association and Icomos-Cyprus. In the past, he has been appointed as member of the Jury for the Cyprus State Architectural Prizes, secretary of the Cypriot Committee of

Europan, vice president of the Cyprus Architects Association and member of other professional bodies and committees.

In February 2009 he joined the Department of Architecture as Special Teaching Staff and in September 2010 was elected as Assistant Professor. He teaches in the inter-departmental Master Programme of Frederick University “Conservation and restoration of historical structures and monuments” and several architectural technology courses of the undergraduate Architectural Engineering 5-year Diploma.

His most recent publications deal with the anti- seismic and bioclimatic character of the timber-roof churches of Troodos area in Cyprus (15th-19th cent.), which are also the subject of his doctoral research. A book published by the Springer organization (2016) includes his work on the “Role of a Post-Byzantine Timber Roof Structure in the Seismic Behavior of a Masonry Building”, which is presenting a thorough constructional analysis of this unique type of Basilicas in Cyprus.

Pelekanos’s latest research work, on the bioclimatic design and behaviour of the timber-roofed churches of Cyprus, was presented at an international conference in 2015 and won the prize of the Scientific Committee, as the “Best Innovative Research Paper”, among 40 presentations from various countries.

His research projects deal mainly with the constructional analysis of historical structures and monuments, as the Timber-Roofed Churches of Troodos and the Dome Roofing of the Katholikon of the Monastery of Docheiarios in Mount Athos, Greece. Other research projects deal with the phenomenon of ascending moisture in monuments, as the Katholikon of the Monastery of St. Nicholas at Orounta, the Church of Panayia at Kourdali, the Church of St. Kyprianos at Menoiko and the Church of St. Charalampos at Deneia. The first two research projects concluded a detailed implementation proposal, which was realised in the past few years with a remarkable success.