**YANNIS MANIATIS**

**EDUCATION**

1. **First degree in Physics 1971**, University of Patras, School of Physical Sciences, Greece.
2. **Masters, (M.Sc.), in Opto-Electronics, 1973**, University of Essex, School of Physical Sciences, U.K.
3. **Doctor of Philosophy (Ph.D.) in Physics, 1976**, University of Essex, School of Physical Sciences, U.K.

**PRESENT POSITIONS**

* Research Director Emeritus, Institute of Nanoscience and Nanotechnology, NCSR “Demokritos”.
* *Research Associate/Consultant at the laboratory of Archaeometry,* Institute of Nanoscience and Nanotechnology, NCSR “Demokritos”

# FORMER POSITIONS

* Research Director at the Institute of Materials Science, National Centre for Scientific Research “Demokritos”
* Head of the Laboratory of Archaeometry, NCSR "Demokritos".
* Deputy Director of the Institute of Materials Science of NCSR “Demokritos” (1995 – 1999).
* President of the Scientific Board of the Institute of Materials Science of NCSR “Demokritos” (1995 – 1999).
* Member of the Scientific Board of the Institute of Materials Science of NCSR “Demokritos” (2003-2005).
* Coordinator of the Archaeometry Program of the Institute of Materials Science, NCSR “Demokritos”.
* Research Associate at the Mössbauer and Magnetism group of the then Physics Department of NCSR Demokritos.
* Research Associate at the British Museum Research Laboratory in London, UK.

**PROFESSIONAL DISTINCTIONS­**

* **Chairman of the Standing Committee of the *International Symposium on Archaeometry* since 2002.**
* **President of the International Association *ASMOSIA* (Association for the Study of Marble and Other Stones in Antiquity), since 2000.**
* **COSTA-NAVARINO International Archaeometry Award, 2016, *for Outstanding Contribution in the field of Archaeometry and Archaeological Sciences*.**
* **Editor in several International Journals in *Archaeometry*.**

# ­RESEARCH FIELDS

Archaeometry, Archaeological Sciences: Developing and applying scientific techniques and methodologies for the study of cultural heritage and the paleoenvironment. Specialisations include: **Radiocarbon dating**, marble provenance determination, technology of ancient ceramics and vitreous materials, characterisation of pigments and wall paintings, and paleodiet studies.

# ACHIEVEMENTS

* ­1976: Development of novel methodology for the determination of firing temperature and the technological quality of ancient ceramics through the study of their micromorphology and analysis under the Scanning Electron Microscope.
* 1983: Formulating and developing the first unique Inter-Laboratory Research Program on **Archaeometry** at NCSR Demokritos. Leading this program since 1984.
* 1986: Organising and founding **the first** **Laboratory of Archaeometry in Greece** at NCSR “Demokritos”, established by Law in 1987. The fields and instrumentation covered: Scientific dating, ancient technology studies, provenance investigations of raw materials and artifacts, human diet and paleoenvironmental studies, characterization of pigments, plasters, faience, and any kind of archaeological material, as well as other related applications.
* 1987: Setting up and running the first and unique **Radiocarbon Dating facility in Greece**. The laboratory has dated thousands of samples so far, contributing significantly to the Aegean Archaeology by providing an absolute time framework for synchronizing and comparing ancient cultures, monitoring the major cultural changes and tracing the evolution of civilisation in Greece from the Paleolithic period until the recent historical times. The laboratory has undergone various stages of expansion of its counting facilities and has established links and collaborations with other radiocarbon laboratories abroad.
* 1988: Development of new methodology based on the Electron Paramagnetic Resonance Spectroscopy for the discrimination of marble quarries and the determination of the origin of ancient marble monuments.

# SOME BROAD RANGE RECENT PROJECTS

# “BALKANS 4000: A la recherche du ‘millénaire perdu’ ”: le peuplement en Grèce du Nord et dans les Balkans au IVe millénaire av. J. -C." Agence National de la Recherche France, Programme Jeunes Chercheuses et Jeunes.

# “The Earliest Farmers in Europe. Dating of the earliest Neolithic settlements in Greece”. Institute for Aegean Prehistory (INSTAP).

# “Sculpture and Society in Roman Greece: Political, economic and religious context (SaS-RomGre)”. Aristeia II, (2014-16), GSRT: 3710.

# SOME SELECTED PUBLICATIONS

1. Y. Maniatis, “Radiocarbon Dating of the Major Cultural Changes in Macedonia: Recent Developments” In: 100 Years of Research in Prehistoric Macedonia 1912-2012 (E. Stefani, N. Meousis, A. Dimoula (eds). Proceedings of International Conference, Archaeological Museum of Thessaloniki, 22-24 November 2012, p. 205-222, Thessaloniki (2014).
2. I. Lazaridis, A. Mittnik, N. Patterson, … Y. Maniatis, …G. Stamatoyannopoulos, “Genetic origins of the Minoans and Mycenaeans”, ***Nature***, 548, 10 August, (2017),214-218+, doi:10.1038/nature23310.
3. Th. Arvaniti, Y. Maniatis, “Tracing the absolute time-frame of the Early Bronze Age in the Aegean”, *Radiocarbon*, 60 (3), 751-773. (2018). DOI:10.1017/RDC.2018.28
4. E. Weiberg, A. Bevan, K. Kouli, M. Katsianis, J, Woodbridge, A. Bonnier, M. Engel, M. Finné, R. Fyfe, Y. Maniatis, A. Palmisano, S. Panajiotidis, N. Roberts, S. Shennan, “Long-term trends of land use and demography in Greece: a comparative study”, *The Holocene*, Special Issue: The changing face of the Mediterranean: land cover, demography and environmental change, open access: [https://doi.org/10.1177%2F0959683619826641](https://doi.org/10.1177/0959683619826641) (2019).
5. M. Katsianis, A. Bevan, G. Styliaras, Y. Maniatis, “An Aegean History and Archaeology Written through Radiocarbon Dates”, Journal of Open Archaeology Data, 8(1), pages 5, (2020). DOI: <https://doi.org/10.5334/joad.65>
6. Y. Maniatis and F. Adaktylou-Pappas, “Revenia-Korinos: one of The Earliest Neolithic Settlements in North Greece as Evidenced by Radiocarbon Dating”, *Radiocarbon* 63(3), pp 1025-1051, (2021).

OVERALL NUMBER OF SCIENTIFIC PUBLICATIONS: **225**

BOOKS AND PROCEEDINGS: **9**

PRESENTATIONS IN CONFERENCES: **260**

SUPERVISION OF Ph.D.’s: **14**

CITATIONS**: 4027**

h-index: **34**, i10-index: **75**