

## CURRICULUM VITAE

### PERSONAL DATA

**NAME** NIKOLAOS **SURNAME** ZACHARIAS  
**HOME ADDRESS** Defkalionos 16, 24 133 Kalamata  
**TEL** 0030 27210 65151, **FAX** 0030 27210 65112 **email** zacharias@uop.gr  
**webpages** <http://ham.uop.gr/nikolaos-zacharias>  
<http://kalamata.uop.gr/~Archaeolab>  
[https://www.researchgate.net/profile/Nikolaos\\_Zacharias/](https://www.researchgate.net/profile/Nikolaos_Zacharias/)

---

### POSITION

- Chair, Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese (2015-2017, 2017-).
- Director of the MSc program *Cultural Heritage Materials and Technologies* (10/2015-)
- Professor at the Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese (2017-).
- Director of the Laboratory of Archaeometry, Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese (1/2010-).

### ACADEMIC

- Professor 2017- (Associate Professor, 2013-2016, Assistant Professor 2009–2013) at the Department of History, Archaeology and Cultural Resources Management, University of the Peloponnese, Greece.
- 2007 – 2008 Researcher (Grade C) at the Laboratory of Archaeometry, Institute of Materials Science (I.M.S.), N.C.S.R. Demokritos, Greece.
- 2004 – 2007 Associate Researcher at the Laboratory of Archaeometry, I.M.S. N.C.S.R. Demokritos, Greece.
- 2002 – 2008 Visiting Professor at the Faculty of Environmental Technology, Technological and Educational Institute of Piraeus, Greece.
- 2002 – 2004 Post-Doctoral Researcher at the Laboratory of Archaeometry, I.M.S., N.C.S.R. Demokritos, Greece.
- 2003 – 2004, Post-Doctoral Scholar, Greek State Scholarships Foundation (IKY)
- 2000 – 2002, Post-Doctoral Researcher at the Institut für Strahlen- und -Kernphysik, Bonn Universität, Germany.

### EDUCATION

- 1996 - 2000 PhD, National Technical University of Athens (N.T.U.A.), School of Chemical Engineering, N.C.S.R. Demokritos.
- 1995-1996 Postgraduate Program, National Center for Scientific Research (N.C.S.R.) Demokritos, Greece.
- (1992-1994 Military Service, Greek Air Force)
- 1984-1991: Degree and Diploma in Chemical Engineering, NTUA, Greece.

### ADMINISTRATIVE

- 2016 – **Member of the Standing Committee** of the International Symposium on Archaeometry (ISA)
- 2017-, 2010 – 2013, President of the *Technical Board* of the University of the Peloponnese.
- 2010–2012, Vice President, *Publications and Academic Promotion Issues Committee*, University of the Peloponnese, Greece.
- 2010 – 2014 Member of the Committee for the Evaluation of *Ancient Messene Archaeological Project*, Greek Ministry of Culture and Tourism
- 2009 – Chair of *LAIS, Luminescence in Archaeology International Symposia*
- 2010- President of the Standing Committee of the *Costa Navarino International Archaeometry Award*.



## **MILESTONES**

### **Academic – Organisation**

- Founder and Director of the MSc program *Cultural Heritage Materials and Technologies*. The program is taught in English and is in operation since October 2015 (culttech.uop.gr)
- Funding, installment and full-time operation of up-to-date infrastructure for the Laboratory of Archaeometry of 400,000 euro, since July 2013. <http://kalamata.uop.gr/~archaeolab/>
- Nomination of the 41<sup>st</sup> International Symposium on Archaeometry Organisation, ISA2016, Kalamata 15-21 May 2016 following a successful presentation and ballot including all registered participants, during ISA2014, L.A. California. During ISA2016, the highest numbers for the organization were achieved: the registered participants reached 650, oriented from 52 countries and 530 papers were presented.
- Founder and President of the Standing Committee of the *Costa Navarino International Archaeometry Award*: 3 nominations since 2010 (2010, 2013, 2016).

### **Education – Research**

- Program *Conservation and Restoration of the Holy Aedicule, Holy Sepulchre Complex, Jerusalem, Israel* (2016-2017), P.L. T. Moropoulou, N.T.U.A. Participation as the absolute dating specialist where 19 mortar samples were successfully dated providing 4 distinct chronological periods.
- N. Zacharias and E. Palamara, Chapter 12: Glass Corrosion: Issues and Approaches for Archaeological Science in Recent Advances in the the Scientific Research on Ancient Glass and Glasses, Fuxi Gan, Qinghui Li and Julian Henderson (Eds.), 233-248, World Scientific, 2016. Invited author of a highlighted publication.
- I. Liritzis, J. Feathers, S-H. Li, A. Singhvi, G. Wagner, A. Kadereit, N. Zacharias, *Luminescence dating in archaeology, anthropology and geoarchaeology: an overview* Springer-Verlag, 2013. A review publication achieved 47 citations within a 3 years' time.

### **INVITED (2010-)**

- Invited Speaker at *Glass Reflections*, Specialised Workshop in Ancient Glass, Nottingham University, 16-18 September, 2016
- Aegean University: MSc on Applied Archaeological Science (ΠΜΣ «Εφαρμοσμένες Αρχαιολογικές Επιστήμες») 2016- Coordinator.
- Invited lecture at the Laboratory of Glass Science, Otto Schott Institute of Materials Research, Jena University, October 2015.
- NTUA: MSc on Protection and Restoration of Monuments (ΔΔΠΜΣ «Προστασία Μνημείων») 2010-.
- AEGEAN University, MSc on Applied Archaeological Sciences (course coordinator) 2015-
- ERASMUS, Nottingham University, (3/2014, 10/2016), ERASMUS, Anadolu University, (11/2013)
- TEDx Kalamata, invited speaker 14/12/2012
- CHARISMA – FP7 Specialists Workshop, Amsterdam 27-29/11/2012
- Navarino Environmental Observatory a joined research program between the University of Stockholm and the Academy of Athens, invited in two workshops organised in 2012 and 2014.

### **EVALUATOR**

University of California Graduate Affairs (UCGA), Belgium Fund for Scientific Research (FNRS), Israel Science Foundation (ISF), Cyprus Research Foundation (I.P.E.)

### **REFEREE**

American Antiquity, Radiation Measurements, Measurements (Elsevier), Archaeometry (Blackwell), Journal of Archaeological Science (Elsevier), Journal of Cultural Heritage, Geochronometria (Versita), Quaternary Science Reviews, Quaternary International.

**EDITOR** Mediterranean Archaeometry and Archaeology Journal

### **ORGANISATION OF SYMPOSIA (2010-)**

1. *Μέλος της Οργανωτικής και της Επιστημονικής Επιτροπής, Το (2<sup>ο</sup>) Αρχαιολογικό Έργο στην Πελοπόννησο*, Παν/μιο Πελοποννήσου, Καλαμάτα 1-4 Νοεμβρίου, 2017.
2. 41<sup>st</sup> International Symposium on Archaeometry (ISA2016), Kalamata 15 – 21 May, 2016, **Chair of the Organising Committee**
- 3, 4. ARC\_RNT (Archaeological Research and New Technologies), **Founder and President of the Organising Committee**, 3<sup>rd</sup> ARCH\_RNT October 3-6, 2012, Kalamata / 4<sup>th</sup> ARCH\_RNT October 1-4, 2014, Kalamata.



5. *Μέλος της Οργανωτικής Επιτροπής, Το (1<sup>ο</sup>) Αρχαιολογικό Έργο στην Πελοπόννησο*, Τρίπολη 3-6 Νοεμβρίου, 2012.

6. 2<sup>nd</sup> L.A.I.S. *Chair of the Symposium*, Lisbon, Portugal 5-7 September, 2012.

#### **SUPERVISION OF PHD THESES**

##### ***As the Senior Supervisor***

M. Kaparou, field: Archaeological Glass, 2009- 2016 (completed May 2017)

E. Palamara, field: Archaeological Glass, 2012- 2017 (expected for autumn 2017)

G. Malaperdas, field: GIS in Archaeology and Geoarchaeology, 2013-

V. Muros, field: Glass Corrosion Studies, 2013-

E. Kiriati, field: Conservation and Restoration of Petrified Wood, 2014-

V. Panagiotidis, field: Computing Technologies for the Management of Archaeological Data, 2016-

##### ***As the External Supervisor - completed***

M. Papageorgiou, field: Archaeological Glass, 2008- 2014 (Athens University)

P. Loukopoulou, field: Conservation of Archaeological Glass -2014 (NTUA, Athens)

A. Oikonomou, field: Archaeological Glass, 2006-2012 (University of Ioannina)

K. Athanassas, field: Luminescence Dating and Geology, 2004-2009 (Athens University)

K. Theodorakopoulou, field: Luminescence Dating and Geoarchaeology, 2004-2009 (Harokopio University)

The data that follow are since 2010, year of operation of the Laboratory of Archaeometry at the University of the Peloponnese

#### **Publications (2010 - )**

1. N. Zacharias, M. Kaparou, A. Oikonomou, Zs. Kasztovszky, *Mycenaean Glass from the Argolid, Peloponnese, Greece: A Technological and Provenance Study*, (submitted)
2. N. Zacharias, P. Das, E. Rauch, R. Arenal, J. Portillo, J. Roque, J. Casablanca *A novelty for Cultural Heritage material analysis: Transmission Electron Microscope (TEM) 3D Electron Diffraction Tomography applied to Roman glass tesserae* (Microchemical Journal, accepted)
3. N. Zacharias and A. Oikonomou, *Technology and Use of Glass during the Classical Times: A Case Study of Glass Knucklebones* (JAS-Reports, accepted)
4. E. Palamara, N. Zacharias, S. Germanidou, K. Gerolymou, *Analysis and Technology of Glass Finds from an Ottoman Bathhouse (hamam) in Kyparissia, Greece* (STAR, accepted)
5. I. Liritzis, N. Zacharias, f. Al-Otaib, I. Iliopoulos, C. Katagas, M. Shaltout, *Chronology of Construction and Occupational Phases of Nawamis Tombs, Sinai, Based on OSL Dating*, *Geochronometria* 43, 121–130, 2016.
6. A. Oikonomou, J. Henderson, M. Gnade, S. Chenery, N. Zacharias, *An Archaeometric Study of Hellenistic Glass Vessels: Evidence for Multiple Sources*, *Archaeological and Anthropological Sciences*, DOI 10.1007/s12520-016-0336-x , 1-14, 2016.
7. E. Palamara, N. Zacharias, M. Xanthopoulou, D. Palles, E.I. Kamitsos, *Technology issues of Byzantine glazed pottery from Corinth, Greece*, *Microchemical Journal*, 129, 137-150, 2016
8. A. Moropoulou, N. Zacharias, E.T. Delegou, B. Maróti, Zs. Kasztovszky, *Analytical and technological examination of glass tesserae from Hagia Sophia*, *Microchemical Journal*, 126, 170-184, 2016.
9. E. Palamara, N. Zacharias, L. Papakosta, D. Palles, E.I. Kamitsos & J. Pérez-Arategui, *Studying a Funerary Roman Vessel Glass Collection from Patras, Greece: An Interdisciplinary Characterisation and Use Study*, *STAR: Science & Technology of Archaeological Research*, DOI: 10.1080/20548923.2016.1239868, 1-14, 2016.
10. I. Liritzis, V. Aravantinos, G.S. Polymeris, N. Zacharias, I. Fappas, G. Agiamarniotis, I.K. Sfampa, A. Vafiadou, G. Kitis, *Witnessing prehistoric Delphi by luminescence dating*, *C. R. Palevol* 14, 219–232, 2015.
11. E. Palamara, N. Zacharias, E.I. Kamitsos, A. Oikonomou, D. Palles and D. Möncke, *Spectroscopic Study of a Historical Glass Collection from Thebes, Greece, by Raman and*



- IR. In: Proceedings of the 6<sup>th</sup> HSA Symposium, E. Photos Jones (Ed.), BAR International Series 2780, 59-64, 2015.
12. E. Κυριαζή, N. Ζαχαριάς Φυσικοχημικές, Φυσικοχημικές αναλύσεις και έρευνα συντήρησης απολιθωμένου ξύλου, στο 10<sup>ο</sup> Πανελλήνιο Συνέδριο Χημικής Μηχανικής, Πάτρα 4-6 Ιουνίου 2015 (<http://pesxm10.chemeng.upatras.gr/papers/7/182>)
  13. A. Oikonomou, K. Beltsios, N. Zacharias, P. Triantafyllidis, An Archaic glassy materials study from Rhodes island, Greece using p-XRF and SEM/EDX analysis, Proceedings of the 39th International Symposium for Archaeometry, Leuven (2012) 245-250, 2014.
  14. D. Moencke, M. Papageorgiou, A. Winterstein, N. Zacharias, *Roman Glasses coloured by dissolved transition metal ions: redox reactions, optical spectroscopy and ligand field theory*, Journal of Archaeological Science 46, 23-36, 2014.
  15. D. Moencke, D. Palles, N. Zacharias, M. Kaparou, E.I. Kamitsos, L. Wondraczek, *Formation of an outer borosilicate glass layer on late Bronze Age Mycenaean blue vitreous relief fragments*, Physics and Chemistry of Glasses: European Journal of Glass Science and Technology 52-59, 2013.
  16. I.K. Sfampa, G. S. Polymeris, N. Zacharias, G. Kitis, J. Henderson, *Luminescence as a Probe in Provenance and Technological Studies of Early Islamic Raw Furnace Glass*, Mediterranean Archaeology and Archaeometry 13(3), 63-69, 2013.
  17. Liritzis, A. Vafiadou, N. Zacharias, G.S. Polymeris and R.G Bednarik, *Advances in Surface Luminescence Dating: New Data from Selected Monuments*, Mediterranean Archaeology and Archaeometry 13(3), 105-115, 2013.
  18. N. Zacharias, M. Kaparou, Sz. Kasztovszky, B. Maroti, K. Beltsios, J. Murphy, V. Kantarelou, A.G. Karydas, *An Alteration and Provenance Study of Mycenaean Glass Objects Using Neutron Beam and X-Ray Methods*, Archeometriai Muhely 2013/X./2, 127-140, 2013.
  19. G. Mastrotheodoros, K.G., Beltsios. N. Zacharias, V, Aravantinos, K., Kalliga, *Decorated archaic pottery from the Heracles Sanctuary at Thebes: A materials, technology and provenance study*, Archaeometry 779-992, 2013.
  20. A. Οικονόμου, Κ. Μπέλτσιος, Ν. Ζαχαριάς, Β. Αραβαντινός, Π. Τριανταφυλλίδης – *Υαλοι της Ηπειρωτικής και Αιγιακής Ελλάδας των αρχαίων ιστορικών χρόνων*, Πρακτικά του 5<sup>ου</sup> Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας (ΕΑΕ), Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης (επιμελητές), Εκδόσεις Πανεπιστημίου Πελοποννήσου – Εκδόσεις Παπαζήση, Αθήνα, 507-528, 2012.
  21. Γ. Μαστροθεόδωρος, Κ. Μπέλτσιος, Ν. Ζαχαριάς, *Προσεγγίσεις τεχνητών αρχαίων σιδηρούχων χρωστικών*, Πρακτικά του 5<sup>ου</sup> Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας (ΕΑΕ), Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης (επιμελητές), Εκδόσεις Πανεπιστημίου Πελοποννήσου – Εκδόσεις Παπαζήση, Αθήνα, 389-398, 2012.
  22. Ν. Ζαχαριάς, Μ. Καπαρού, Γ. Μαστροθεόδωρος, Α. Οικονόμου, Κ. Μπέλτσιος, Θ. Τσέλιος, Β. Αραβαντινός, Κ. Καλιγά, Δ. Οικονόμου – *Τεχνολογική μελέτη των πυρομεταλλουργικών προϊόντων της ανασκαφής χώρου αφιερωμένου στη λατρεία του Ηρακλή, πλησίον των Ηλεκτρών Πυλών, (Καδμεία, Θήβα)*, Πρακτικά του 5<sup>ου</sup> Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας (ΕΑΕ), Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης (επιμελητές), Εκδόσεις Πανεπιστημίου Πελοποννήσου – Εκδόσεις Παπαζήση, Αθήνα, 345-364, 2012.
  23. A. Oikonomou, K. Beltsios, N. Zacharias, *Analytical and technological study of blue glass from Thebes, Greece: An overall assessment*, Proceedings of the AIHV 18, D. Ignatiadou, A. Antonaras (eds.), Thessaloniki, 75-80, 2012.
  24. M. Papageorgiou, N. Zacharias, K.G. Beltsios, *Analytical and Typological Investigation of Late Roman mosaic tesserae from Ancient Messene, Greece*, Proceedings of the AIHV 18, D. Ignatiadou, A. Antonaras (eds.), Thessaloniki, 241-248, 2012.
  25. G. Mastrotheodoros, K.G. Beltsios, N. Zacharias, *Iron based and other ancient pigments for pottery decoration*, Emerging Technologies, Non-Destructive Testing V, 83-88, 2012.
  26. Theodorakopoulou, K. Pavlopoulos, C. Athanassas, N. Zacharias, Y. Bassiakos, *Sedimentological response to Holocene climate events in the Istron area, Gulf of Mirabello, NE Crete*, Quaternary International 266, 62-73, 2012.





27. Liritzis, D. Mavrikis, N. Zacharias, A. Sakalis, N. Tsirliganis, G. Polymeris, Potassium determinations using sem, faas and xrf: Some experimental notes, *Mediterranean Archaeology and Archaeometry* 11 (2), 169-179, 2011.
28. N. Zacharias, Y. Bassiakos, Dating Based Studies of Authenticity for Art Objects, IAEA Publication, Vienna, 71-99, 2011.
29. E. Tsota, N. Zacharias, H. Mommsen, A Late Roman workshop producing ceramic goods at Tanagra : Preliminary presentation of the material, in *Κεραμική της Ύστερης Αρχαιότητας από τον Ελλαδικό χώρο (3ος-7ος αι. μ.Χ.)*, Δ. Παπανικόλα-Μπακιρτζή, Ν. Κουσουλάκου Eds., Archaeological Institute of Macedonia and Thracian Studies, Greek Ministry of Culture and Tourism, 97-107, 2010.
30. Liritzis, N. Zacharias, G.S. Polymeris, G. Kitis, K. Ernston, D. Sudhaus, A. Neumair, W. Mayer, M.A. Rappenglueck, B. Rappenglueck, The Chiemgau meteorite impact and tsunami event (SouthEast Germany): First OSL Dating, *Mediterranean Archaeology and Archaeometry* 10 (4), 2010.
31. I. Liritzis, G.S. Polymeris, N. Zacharias, Surface Luminescence Dating of 'Dragon Houses' and Armena Gate at Styra (Euboea, Greece), *Mediterranean Archaeology and Archaeometry* 10 (3), 65-81, 2010.
32. C.T. Michael, N. Zacharias, A. Hein, Accuracy testing using thick source alpha-particle spectroscopy for the U and Th series estimations, *Applied Radiation and Isotopes* 68 (4-5), 858-860, 2010.
33. G. Matrotheodoros, K.G. Beltsios, N. Zacharias, An experimental assessment of antiquity ochres and iron-based pigments, *Mediterranean Archaeology and Archaeometry* 10 (1), 37-59, 2010.
34. Athanassas, N. Zacharias, Equivalent dose estimation in coarse quartz from Pleistocene coastal sediments of south Greece using single-aliquot TT-OSL, *Quaternary Geochronology* 5(1), 65-75, 2010.

#### **Books / Chapters (2010-)**

1. N. Zacharias and E. Palamara, Chapter 12: Glass Corrosion: Issues and Approaches for Archaeological Science in *Recent Advances in the the Scientific Research on Ancient Glass and Glasses*, Fuxi Gan, Qinghui Li and Julian Henderson (Eds.), 233-248, World Scientific, 2016.
2. F. Druenert, D. Moencke, E. Palamara, N. Zacharias, L. Wondraczek, *Weisse trübungsmittel in antiken glasuren und mosaik tesserae* D. Palles, E. Kamitsos, M. Papageorgiou, E. Palamara, N. Zacharias, Metalla, Eds.: T. Gluhart, S. Greiff, K. Krauss, M. Prange, Mainz, 2015.
3. Ν. Ζαχαριάς (Επιμέλεια), Πρακτικά 3<sup>ου</sup> Συμποσίου ARCH\_RNT Αρχαιολογική Έρευνα και Νέες Τεχνολογίες, Οκτώβριος 2012, Καλαμάτα 2014.
4. I. Liritzis, J. Feathers, S-H. Li, A. Singhvi, G. Wagner, A. Kadereit, N. Zacharias, *Luminescence dating in archaeology, anthropology and geoarchaeology: an overview* Springer-Verlag, 2013.
5. N. Zacharias, G. Mastrotheodoros, G. Pappas, Technological and Analytical Examination of the Clay Plaques from Thebes in M. Pisani, *Avvolti Dalla Morte*, SAIA, 139-142, Athens 2013.
6. D. Moencke, D. Palles, E. Kamitsos, M. Papageorgiou, E. Palamara, N. Zacharias, *Faerbende ionen und pigmente in glaesern und glasuren alaysse Mykinischer bir Roemischer glasproben aus Suedgriechenland mittels optischer und vibrations-spektroskopie*, Metalla, Eds.: A. Hauptmann, O. Mecking., M. Prange, 264-268, Bochum 2013.
7. F. Druenert, M. Kaparou, E. Palamara, D. Palles, D. Moencke, E. Kamitsos, N. Zacharias, *Laborversuche zur bildung von borosilicatschichten auf kalk-natron-silikat glaesern vergoldung Mykenischer glasfragmente unter zuehlfenahme von borax als flux*, Metalla, Eds.: A. Hauptmann, O. Mecking., M. Prange, 279-283, Bochum 2013.
8. Ν. Ζαχαριάς, Εξαλλοίωση και Διάβρωση Αρχαιολογικής Κεραμικής και Υαλωδών Υλικών: Επιπτώσεις στον Χαρακτηρισμό, Προέλευση και Απόλυτες Χρονολογήσεις, 255-26, στο



- ΠΡΟΛΗΠΤΙΚΗ ΣΥΝΤΗΡΗΣΗ*, Συλλογικός Τόμος, Ε. Κουλουμπή, Χ. Καρύδης (επιμ.), TIME Heritage, Αθήνα 2013.
9. Ν. Ζαχαριάς (Επιμέλεια), Πρακτικά 2<sup>ου</sup> Συμποσίου ARCH\_RNT Αρχαιολογική Έρευνα και Νέες Τεχνολογίες, Οκτώβριος 2010, Καλαμάτα 2012.
  10. Πρακτικά του 5<sup>ου</sup> Συμποσίου της Ελληνικής Αρχαιομετρικής Εταιρείας (ΕΑΕ), Ν. Ζαχαριάς, Μ. Γεωργακοπούλου, Κ. Πολυκρέτη, Γ. Φακορέλλης, Θ. Βάκουλης (επιμελητές), Εκδόσεις Πανεπιστημίου Πελοποννήσου – Εκδόσεις Παπαζήση, Αθήνα, 2012
  11. K.G. Beltsios, Ar. Oikonomou, N. Zacharias, P. Triantafyllidis, Chapter 13. Characterisation and provenance of archaeological glass artifacts from Mainland and Aegean Greece in: Liritzis I., Stevenson C. (eds) *The dating and provenance of volcanic and ancient manufactured glasses-a global overview*, University of New Mexico Press, Albuquerque, 166-184, 2012.
  12. Ν. Ζαχαριάς (Επιμέλεια), Πρακτικά 1ου Συμποσίου ARCH\_RNT Αρχαιολογική Έρευνα και Νέες Τεχνολογίες, Μάιος 2008, Καλαμάτα 2010.
  13. Ι. Λυριτζής, Ν. Ζαχαριάς (επιμ.), ΑρχαιοΥλικά, Εκδόσεις Παπαζήση, Αθήνα 2010.
  14. N. Zacharias (Invited Editor), Luminescence in Archaeology International Symposia, Proceedings Volume, Mediterranean Archaeology and Archaeometry, 10\_4, 2010.
  15. I. Liritzis, N. Zacharias, Portable XRF for Use in Archaeology, in XRF Technology and Modern Applications, Εκδόσεις Springer-Verlag, S. Shackley (ed.), 2010.

#### **FUNDED PROJECTS (2010-)**

1. Cluster of Accelerator Laboratories for Ion-Beam Research and Applications (CALIBRA), National Roadmap for Research Infrastructures, P.L. S Charissopoulos, member of the associate groups (launch expected for late 2017-)
2. MYNEKO: Mycenaean Northeast Kopais Scientific Dating Program (SDP), funded by NSF, U.S.A., P.L. M. Lane (2017-2019).
3. Πρόγραμμα Απόκτησης Διδακτικής Εμπειρίας Νέων Διδασκτόρων, ακαδημαϊκό έτος 2016-2017 και 2017-2018. Υποβολή και Ιδρυματικός Υπεύθυνος για το Πανεπιστήμιο Πελοποννήσου (εγκρίθηκε και υλοποιήθηκε η χρηματοδότηση της διδασκαλίας 39 μαθημάτων).
4. Ταχύρρυθμο Σεμινάριο Πιστοποίησης στο Επάγγελμα του Ξεναγού, Υπουργείο Τουρισμού, Υλοποίηση ΠΙΑΔΠΙΑ, Παν/μιο Πελοποννήσου, 28/3 – 10/6/2016, Ε.Υ. Ν. Ζαχαριάς
5. Mobile Care for the Documentation, Characterisation and Conservation of Movable Cultural Heritage Artefacts from Remote Areas in Greece (MoCaCu), funded by the Swiss Confederation/ Federal Office of Culture (FOC), P.L. N. Zacharias 2013-2015
6. Late Quaternary Climate Variability and Vegetation Dynamics in Southern Greece, funded by the Swedish Research Council, P.L. K. Holmgren (2013-2015).
7. ND-Analytical and Technological Studies of Museum Artefacts, Ministry of Culture and Sports, P.L. N. Zacharias 2015-2016.
8. Reconstructing the Landscape of Early Humans in Crete, funded by INSTAP, P.L. T. Strasser 2011-2013.

#### **GRANTS (2010-)**

CHARISMA-FP7: 3 (2010, 2012, 2013), INSTAP: 2 Grants (P.Ls. M. Lane - 2013, K. Holmgren – 2014)

#### **ORAL and POSTER PRESENTATIONS (2010-)**

57 presentations at national and international symposia

#### **CITATIONS**

In total 575, h index = 12 resulted from 45 cited documents (September 2017)

