PERSONAL INFORMATION

Vasiliki Nikolakopoulou

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💬 **Skype** nikolakopoulou.vassiliki

Sex female | Date of birth 07/09/1987 | Nationality Greek

WORK EXPERIENCE

February 2016 – September 2017

Marie Curie Early Stage Researcher (ESR)

Initial Training Network for Digital Cultural Heritage (ITN-DCH), http://www.itn-dch.eu/
Cyprus University of Technology (CUT), Digital Heritage Research Laboratory
Department of Electrical Engineering, Computer Engineering and Informatics
Arch. Kyprianou 31, 3036 Limassol, Cyprus
www.digitalheritagelab.eu

▪ Main activities and responsibilities:
▫ Creative re-use of cultural heritage assets in education
▫ Digitization of 2D/3D cultural assets
▫ Design and organization of dissemination and outreach activities
▫ Teaching courses at Cyprus University of Technology, Department of Electrical Engineering,
  Computer Engineering and Informatics: Computer Graphics, Digital Cultural Heritage

Business or sector New techniques for data storage and archiving of massive and complex amounts of
2D/3D/4D Cultural assets

May 2014 – November 2015

E-course developer for e-learning platform

National and Kapodistrian University of Athens, Open courses: http://opencourses.uoa.gr/
Center of Network Operations
University Campus, Ilisia, 15784, Athens, Greece

▪ Main activities and responsibilities:
▫ Main responsible in communication with faculty members
▫ Development of educational multimedia content
▫ Video editing
▫ Metadata processing
▫ Editing on the platform Open eClass
▫ Handling copyright (IPR) related issues.

Business or sector Development team

October 2012 – December 2012

Assistant accountant (Internship)

Eurolife ERB
209 Syngrou Avenue, Athens, Greece
http://www.eurolife.gr/

▪ Main activities and responsibilities:
▫ Checking up files, hardcopy document storage, use of Microsoft Outlook and Excel, use of
  accounting software: LIFE and EPICOR.

Business or sector Accounts department

September 2010 – June 2013

Personal Instructor of Mathematics

Working as a personal Instructor of Mathematics with children of secondary school and high school.

Business or sector Individual

| February 2008 – February 2009 | **Customer Services** |

OTE (Hellenic Telecommunications Organization)
85 Patision Str. Athens, Greece
https://www.ote.gr/web/guest

▪ Main activities and responsibilities: Logging telephone breakdowns, customer service.

Business or sector Fault-Reporting Call Centre

EDUCATION AND TRAINING

| October 2017 – now | **PhD in "Methods and tools for evaluating the UX of interactive systems in Cultural Heritage with educational content"** |

University of Aegean, Department of Product and Systems Design Engineering
Ermoupolis, Syros, 84100, Greece

▫ Key words: *User Experience; evaluation; digital cultural heritage; user-centred design*

Interactive Systems Design Lab
https://www.facebook.com/isd.aegean/

| June 30 – July 7 of 2014 | **Summer School:** *Advanced technologies in Product Design, Engineering and Manufacturing* | EQF level 4 |

University of Aegean, Department of Product and Systems Design Engineering
Ermoupolis, Syros, 84100, Greece

▪ Principal subjects: product life-cycle which are accomplished through
 ▫ Computer-Aided Design (CAD)
 ▫ Computer-Aided Engineering (CAE)
 ▫ Computer-Aided Manufacturing (CAM)

| October 2013 – October 2015 | **MSc in Design of Interactive and Industrial Products and Systems** | EQF level 7 |

University of Aegean, Department of Product and Systems Design Engineering
Ermoupolis, Syros, 84100, Greece

▪ Principal subjects:
 Human-Computer Interaction (HCI), Computer-Aided Design (CAD), Industrial and Interactive Product Design Studio, Design Theory and Methodology, Ergonomics and Design for All, Mechanics and Materials in Design.

| September 2005 – September 2012 | **BSc in Mathematics** | EQF level 6 |

National and Kapodistrian University of Athens, Department of Mathematics
University Campus, Ilisia, 15784, Athens, Greece

▪ Specification in Applied Mathematics with further specification in:
 ▫ Computational Mathematics
 ▫ Educational Mathematics

PERSONAL SKILLS

| Mother tongue(s) | Greek |

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	C2	C1	C1	B2	C2
	First Certificate in English, Cambridge University Proficiency Level: Entry test, University of Michigan				
French	A1	A1	A1	A1	A1
	Diplome d' etudes en langue Francaise (DELF 1er Degre)				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

▪ Excellent interpersonal communications skills.
Working in a European Project helped me improve my English, my presentation and communication skills in various projects' meetings, International Conferences and working groups.
The organisation and management of two distinguished International Conferences: EuroMed2016 and ITN-DCH Final Conference, helped me become communicative, diplomatic and tolerant.

▪ Working in a research lab provided me with strong commitment to team environment dynamics along with the ability to contribute expertise and follow leadership directives at appropriate times.

Organisational / managerial skills

▪ Very good organisational and managerial skills.
Being at the Organizing and Scientific Committee in the two International Conferences, helped me become responsible, motivating and improved my coordination skills.
As Organizing Committee, I had also the responsibility of the Kick-off meeting, the promotion and media support of the European Digital Research Infrastructure Consortium (ERIC) for the Arts and Humanities in Cyprus, the DARIAH-CY (http://www.dariah-cy.eu/).
I also took leadership in the organisation of various dissemination and outreach activities both of the Digital Heritage Research Lab and the ITN-DCH Project (organization of Workshops, Newsletters, promo videos, social media administration, project presentations at conferences, representation at various working group meetings).

▪ Leadership and coordination in University's projects and inside the ITN-DCH Project during the its last months.

▪ Skilled at evaluating options and generating solutions.

Job-related skills

As a Mathematician with specification in Computational Mathematics and further specification in Design thinking, resulting from my Masters' degree, I developed my expertise in adapting my science to other disciplines such as Design and Informatics, and methodically thinking beyond narrow academic disciplines. That has helped me in adjusting quickly and easily in multidisciplinary projects and research teams.

My passion for education and teaching has led me getting involved, most of the times as a volunteer, in various research projects related to students' education enhancement with the use of ICT inside classrooms and has resulted in 5 relevant publications in Conference proceedings.

Having also the experience and the honour to be a Marie Curie Fellow at one of the biggest European Projects and the first one on Digital Cultural Heritage, I was given the opportunity to exchange ideas with eminent researchers and professors from all over the world and try new academic paths. Digital Heritage became my new sideway research field, with a plethora of applications and an ideal blend of all my former expertise. As an e-course developer, educator, and designer, I engaged with the creative re-use of digital cultural artefacts in educational contexts.

I was always strong motivated when it came to dissemination activities and communicating my research to youth and the public. Additionally, the highly demanding job position in Digital Heritage Research Lab at Cyprus University of Technology, in combination with the organisation of the two International scientific events in Cyprus and Slovenia, helped improve my writing skills, widened my research perspectives and upgrade my scientific integrity.

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Independent User	Proficient User	Proficient User	Independent User	Independent User

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Official Certificated Computer Knowledge from the Department of Mathematics

▪ good command of Photogrammetric software (Agisoft Photoscan)

▪ proficient command of video creation and editing tools

▪ excellent command of Microsoft Office™ tools (especially Power Point & Word)

▪ excellent digital presentation development

▪ very good command of PTC Creo Parametric

▪ good command of online tools for Webpage and app creation

▪ good command of Matlab

▪ good command of Unity

Other Skills

▪ line drawing, freehand drawing

▪ football, skiing, trail running, gymnastics (TRX suspension training)

▪ Bass guitar

Volunteerism

▪ volunteer supervisor for the computer lab of the Department of Mathematics in Athens

▪ volunteer assistant for the organization of Summer School: *Advanced technologies in Product Design, Engineering and Manufacturing 2014* at Syros Island, June 30- July 7 2014
https://academ2014.pns.aegean.gr/

▪ voluntary participation in Mascil Research Project (Athens, Greece), http://www.mascil-project.eu/project

▪ volunteer for Legion Run Greece (sports festival), http://www.legionrun.com/

Driving licence

▪ B

ADDITIONAL INFORMATION

Projects

Europeana Space (www.europeana‑space.eu): Evaluation of an e-Learning platform in school context (voluntarily).

Europeana 3D Task Force Group (pro.europeana.eu/): Creation of online survey on Advanced documentation of 3D Digital Assets (voluntarily) (link: https://goo.gl/RfxGUd).

ViMM European project (www.vi-mm.eu), funded under the EU Horizon 2020 programme (CULT‑COOP‑8‑2016) - Working Group 1.1: "What is a Virtual Museum", 22nd of May 2017, ITN-DCH Final Conference, Olimje, Slovenia.

Mascil Research Project (noether.math.uoa.gr/mascil), Athens 2014-2015 (voluntarily), Experience Prototyping.

Conferences

- Ecsite Annual Conference 2018, Creative Collisions. The European network of science centres and museums, Geneva, Switzerland, 5-10 June, 2018
- *Common Language Resources and Technology Infrastructure (CLARIN-ERIC)* CLARIN 2017 Annual Conference, Budapest, Hungary, 18 – 20 September, 2017.
- *The Marie Sklodowska Curie Project Initial Training Network (ITN) on Digital Cultural Heritage (DCH) Final Conference on Digital Heritage* (ITN-DCH Final Conference), Olimje, Slovenia, 23 – 25 May 2017.
- *5th International Conference on Remote Sensing and Geoinformation of Environment* (RSCy2017), Pafos, Cyprus, 20-23 March 2017.
- *Europeana Space 3rd International Conference,* Cultural Heritage: Reuse, Remake, Reimagine, Berlin, Germany, 21-22 November 2016.
- *6th International Conference* EuroMed 2016, Nicosia, Cyprus, October 31 – November 5, 2016
- *33rd Annual Conference on Computer Graphics International* (CGI '16), Institute of Computer Science of the Foundation for Research and Technology Hellas (ICS-CVRL/FORTH), Heraklion, Crete, June 28 – July 1, 2016.
- *2nd International Conference on Science and Engineering in Arts, Heritage, and Archaeology* (SEAHA '16), University of Oxford School of Geography and the Environment on June 20-21, 2016.
- *29th Computer Animation and Social Agents* (CASA '16), Campus BIOTECH, University of Geneva, Switzerland, 23-25 May 2016.
- *4th International Conference on Remote Sensing and Geoinformation of Environment* (RSCy2017), Pafos, Cyprus, 20 – 23 March 2017.
- *British Society for Research into Learning Mathematics* (BSRLM) *Conference*, Manchester Metropolitan University, Faculty of Education, 27 February 2016.
- *Cryptography and its applications in armed forces*, Hellenic Army Academy, 6 April 2012.
- *International Conference on Mathematical Methods in Science and Technology*, Kalamata, Greece, 26-28 August 2012.
- *Mathematics: Theory – Practice – Extension leads*, Hellenic Mathematical Society, Kalamata, Greece, 9-11 November 2012.

Organizing & Scientific Committee

- *The Marie Sklodowska Curie Project Initial Training Network (ITN) on Digital Cultural Heritage (DCH) Final Conference on Digital Heritage* (ITN-DCH Final Conference), Olimje, Slovenia, 23 – 25 May 2017.
- *6th International Conference* EuroMed 2016, Nicosia, Cyprus, October 31 – November 5, 2016

Seminars

- **Secondment** (MSCA Actions, ITN-DCH project), two weeks at 7Reasons (https://www.7reasons.net/) 3D modelling, 3D reconstruction, SfM techniques. Vienna, Austria, January 2017.
- Photoshop seminar, Archdiocese of Athens, Greece, October 2014

Honours and awards

- University: Won the academic scholarship for 1st and 2nd semester at University of Aegean.
- Athletics: Won the 2nd Division Greek Championship in womens football at seasons 2009-2010 and 2011-2012 with the football club Atromitos Peristeriou.

Publications

- Margarita Papaefthymiou, Vasiliki Nikolakopoulou, George Leventis, Matevž Domajnko, Marinos Ioannides, George Papagiannakis, Sandos Pedro, "Projecting our Past to the Future - Challenges and Results: The Case of Asinou church", In Proceeding of EUROGRAPHICS Workshop on Graphics and Cultural Heritage (2017), T. Schreck and T. Weyrich (Editors), September 2017
https://diglib.eg.org/handle/10.2312/gch20171310

- Marinos Ioannides, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Vasiliki Nikolakopoulou, Georgios Leventis, "DIGITAL HERITAGE: risks and challenges", *Journal of ICOMOS Cyprus*.

- Marinos Ioannides, Charalabos Ioannidis, Archimadrite Neophytos Enkleistriotis, David Castrillo, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou, Vasilis Athanasiou, Fotis Bourexis, Sofia Soile, Styliani Verykokou, Maria Costi de Castrillo, Christian Sovis, "Towards Monuments' Holistic Digital Documentation: The Saint Neophytos Enkleistriotis Case Study", *Progress in Cultural Heritage: Documentation, Preservation, and Protection. 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part I. pp. 442–473. Springer International Publishing, 2016*
https://link.springer.com/chapter/10.1007/978-3-319-48496-9_36

- Marinos Ioannides, Vasilis Athanasiou, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou, "Immersive digital heritage experience with the use of interactive technology", *Progress in Cultural Heritage: Documentation, Preservation, and Protection. 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part II. pp. 265–271. Springer International Publishing, 2016*
https://link.springer.com/chapter/10.1007/978-3-319-48974-2_30

- Marinos Ioannides, Pavlos Chatzigrigoriou, Vasiliki Nikolakopoulou, Georgios Leventis, Eirini Papageorgiou, Vasilios Athanasiou, "Parian Marble: A Virtual Multimodal Museum case study", *Progress in Cultural Heritage: Documentation, Preservation, and Protection. 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part II. pp. 256–264. Springer International Publishing, 2016*
https://link.springer.com/chapter/10.1007/978-3-319-48974-2_29

- Marinos Ioannides, Pavlos Chatzigrigoriou, Vasilis Bokolas, Vasiliki Nikolakopoulou, Vasilis Athanasiou, Eirini Papageorgiou, Georgios Levendis, "Educational creative use and reuse of digital cultural heritage data for Cypriot UNESCO monuments", *Progress in Cultural Heritage: Documentation, Preservation, and Protection. 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part I. pp. 891–901. Springer International Publishing, 2016*
https://link.springer.com/chapter/10.1007/978-3-319-48496-9_72.

- Marinos Ioannides, Rob Davies, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou, Vasilios Athanasiou, "3D Digital Libraries & their Contribution in the Documentation of the Past", *in Mixed Reality and Gamification for Cultural Heritage, 5th Chapter, Part III: Content Use and Reuse, Springer International Publishing*.
http://www.springer.com/gp/book/9783319496061

- Danae Kalliabetsou, Vasiliki Nikolakopoulou, "Interaction Design for Mobile Multimedia Systems for Display of Digital heritage in Ecosystems of Historic Churches", *Poster of 2nd International Conference on Science and Engineering in Arts, Heritage and Archaeology SEAHA*, University of Oxford, GB, June, 2016
http://www.seaha-cdt.ac.uk/wordpress/wp-content/uploads/2016/04/SEAHA16_Kalliabetsou.pdf

- Marinos Ioannides, Vasilios Bokolas, Pavlos Chatzigrigoriou, Vasiliki Nikolakopoulou, and Vasilios Athanasiou, "Educational use of 3D models and photogrammetry content; the Europeana Space project for Cypriot UNESCO Monuments" in *Proceedings of Fourth International Conference on Remote Sensing and Geoinformation of Environment'*, (pp. 96880W-96880W). Cyprus, April, 2016. International Society for Optics and Photonics
http://ktisis.cut.ac.cy/handle/10488/9266

- Vasiliki Nikolakopoulou, "Implementing multi-touch tables into classroom: In what ways are students engaged in an interactive mathematical activity 'around the table'?", *in Proceedings of the British Society for Research into Learning Mathematics*, (pp. 65-70) Manchester GB, February, 2016
http://www.bsrlm.org.uk/wp-content/uploads/2016/09/BSRLM-CP-36-1-12.pdf