

## PERSONAL INFORMATION

## Efi Nisiforou

 34 Stratigou Makryianni Str., 3022 Limassol (Cyprus)

 +357 99531415

 nisiforou.efi@gmail.com

 Skype efi.nisiforou

## WORK EXPERIENCE

28 Sep 2017–Present

**Lecturer in Distance Education****Courses taught at the University of Nicosia****Undergraduate courses**

- EDUS-170: Introduction to Computer Science
- EDUS-265: Educational Technology

**Postgraduate courses**

- EDUC-551: New Technologies in Education
- EDUC-556: Distance and Online Education
- EDUC-555: Distance Learning Design
- EDUC-557: Technology and Digital literacy
- EDUC-558: Games and mobile devices in learning

**Supervision of theses****Master Students** (As first supervisor):

2017 - 2018 |University of Nicosia, Department of Education

Theodosios Karageorgakis, Thesis topic: *"Η Εικονική Πραγματικότητα στις τάξεις EFL: Εκπαιδευτική δυναμική και στάσεις εκπαιδευομένων."*

Maria Giannadaki, Thesis topic: *"Η κοστροκτιβιστική προσέγγιση του Kahoot! στην τάξη EFL: Στάσεις μαθητών και οφέλη ενσωμάτωσης."*

**Undegraduade Student** (As second supervisor)

2018 - 2019 |University of Cyprus, Department of Computer Science

Marianna Mina, Thesis topic: *"Designing adaptive teaching and learning material in the context of LMS/ MOOCs based on learners cognitive traits."*

29 Sep 2017–Present

**Researcher**

University of Nicosia Foundation (UNRF), Nicosia (Cyprus)

Lecturer, University of Nicosia, September 2017 - today

1 Jun 2016–Present

**Affiliated/Collaborating Researcher**

Cyprus Interaction Lab, Cyprus University of Technology, Limassol (Cyprus)

Conduct research related to (1) HCI and Inclusive Design, and (2) Instructional Technology and Social Computing

1 May 2016–Present

**Senior Researcher**

CARDET (Fixed-term contract), Nicosia (Cyprus), Nicosia (Cyprus)

- Developing and Writing of grant proposals

- Conducting literature reviews and prepare reports
- Developing data collection tools, conducting research and analyzing data
- Monitoring and evaluating internal and external processes of EU projects

- 8 Oct 2015–Present **Elementary School Teacher (Fixed-term contract)**  
Ministry of Education and Culture, Nicosia (Cyprus)  
All-day compulsory school, module "Educational Technology"
- 3 Oct 2015–31 Jan 2016 **Lecturer in Educational Technology (Fixed-term contract)**  
European University Cyprus, Nicosia (Cyprus)  
Department of Primary Education, Undergraduate course " Computers and Educational Technology"
- 10 Mar 2014–31 May 2014 **Research Associate (Fixed-term contract)**  
Cyprus University of Technology, Limassol (Cyprus)  
Appointed by the scientific coordinator of Microsoft Computer Games and Emerging Technologies (GET) Research Lab to serve as a Research Associate for the development of experimental studies in Virtual Reality and emerging technologies with applications in Neuroscience.
- 1 Jan 2011–31 May 2016 **University Teaching Staff (Fixed-term contract)**  
Cyprus University of Technology, Limassol (Cyprus)  
Teaching Staff in the Department of Multimedia and Graphic Arts in the undergraduate courses "Introduction in Multimedia", "Audiovisual Production" and in the postgraduate course "Computer-Supported Collaborative Learning"
- 1 Mar 2014–31 May 2014 **Educational Technology Instructor (Fixed-term contract)**  
Ministry of Education and Culture, Nicosia (Cyprus)  
Develop ICT skills to Primary school children (e.g. multimedia tools, safer Internet etc)
- 1 Nov 2013–31 May 2014 **Research co-supervisor (Fixed-term contract)**  
Cyprus University of Technology, Limassol (Cyprus)  
Provide guidance and supervision to a junior researcher employee of HRDA.
- 1 Aug 2013–1 Dec 2013 **Project Manager & Head of Training and Education (Part-time position)**  
Dorea Educational Institute, Limassol (Cyprus)  
Coordinate the trainers, LLP Coordinator, Educational Programmes Developer, Train the Trainer
- 1 Dec 2012–30 Jun 2015 **External Scientist (on a voluntary basis)**  
Cyprus Neuroscience and Technology Institute, Future Worlds Centre, Nicosia (Cyprus)  
New Media Lab in Learning Laboratory (NML), working on the projects Mental Attributes Profiling Systems and the Tales Masters projects.
- 1 Sep 2010–31 Aug 2012 **University Research Fellow (Full time position)**  
Cyprus University of Technology, Limassol (Cyprus)  
Research Fellow at Cyprus University of Technology on the research project entitled "Internet Social Networks and Online Communities".

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## EDUCATION AND TRAINING

- Sep 2011–2016 **Ph.D in Human-Computer Interaction, Neuro-Education and Online Education**  
 Thesis title: "Assessing Learners' Differences in Field-Dependence Independence Cognitive Ability Using Multi-Metric Methods" Cyprus University of Technology, Department of Multimedia and Graphic Arts, Limassol (Cyprus)
- 24 Sep 2014–28 Feb 2015 **Erasmus PhD Traineeship Certificate**  
 Plymouth University, Cognition Institute, Plymouth (United Kingdom)  
 Eye tracker, Electroencephalography, Cognitive abilities, Creativity
- Oct 2014–Jun 2015 **Postgraduate Certificate (PGCE) in Technology Enhanced Learning (TEL)** Distinction  
 University of Wales Trinity Saint David (United Kingdom)
- 1 Sep 2008–1 Sep 2009 **MEd in Educational Leadership and School Improvement** Merit  
 The University of Manchester, Manchester (United Kingdom)  
 Thesis Title: "Metacognition and Learning Styles: Teachers', Parents' and Students' views".
- 1 Sep 2004–1 Sep 2008 **BEd in Educational Sciences** 8,01/10 (Very Good/ Upper Second-Class Honours)  
 National and Kapodistrian University of Athens, Athens (Greece)
- 1 Sep 2002–30 Jun 2003 **"ApolYTEIRON" or Leave Certificate from High School** 18/20 (Very Good)  
 St. Peter's and Paul High School, Limassol (Cyprus)  
 Followed Science Direction
- 1 Dec 1994–28 Apr 2014 **Extra Curricular Activities, Awards and Certificates**  
 2014, Pensilvania State University, Certificate in Creativity, Innovation and Change (6 weeks online course by Coursera)  
 2014, The University of Manchester, PurpleAlumniUoM competition (ranked first)  
 2013, The Hellenic Pasteur Institute under the umbrella of the FP7 REGPOT 2010-1 Neurosign (Travel award)  
 2013, European Charlemagne Youth Prize / First National winner  
 2013, Train-the-trainer Certificate, Human Resources Development Agency (HRDA)  
 2012, Unesco grants and fellowships, Cyprus University (internal runner-up)  
 2011, Youth in Action Programme, entitled "Boundary Europe"  
 2004, Scored the First place in the Entrance Exams for Higher Education Institutions of Greece  
 2002, Certificate in Microsoft Office by the Cyprus Chamber of Commerce and Industry

**PERSONAL SKILLS**

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2		C2		C2
2008, International English Language Testing System (IELTS): Obtained with an overall band score 6,5 2002, London Examinations General Certificate of Education in English Language - O'Level: Obtained with					

grade C(c)

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Digital skills** Very good command of quantitative data analysis statistical software: Statistical Package for the Social Sciences (SPSS)  
Very good command of the HCI device: Eye tracker  
Very good command of e-learning platforms: Blackboard and Moodle  
Good command of quantitative analysis software: Nvivo  
Basic knowledge of the Neuroimaging device: EEG  
Basic Knowledge of the programming language: MatLab  
Basic knowledge of graphic design applications (Adobe Illustrator™, PhotoShop™)

## ADDITIONAL INFORMATION

## Public lectures and invited talks

- Nisiforou, A.E. (2018, June). Καινοτόμες Ευρωπαϊκές δράσεις στην Εκπαίδευση: Ψηφιακή πολιτικότητα και ηλεκτρονική μάθηση, MEDD Seminar, Argos, Greece.
- Nisiforou, A.E. (2018, April). Assessing Online Learners' Individual Differences using Multi-metric Methods: Implications for e-learning design, University of Nicosia, Cyprus.
- Nisiforou, A.E. (2018, February). Applied HCI research methods in Education, Invited speaker at the Research Methods master course offered by the Department of Education, University of Nicosia, Cyprus.
- Nisiforou, A.E. (2018, January). Deliver Training courses ("Design of Distance Education", "Assessment and Evaluation of Training programs"), Erasmus+ Mundus participants (medical doctors and engineers), University of Nicosia.

 Professional Development-  
Seminars, Conferences and  
Workshops

- **Distance Learning Essentials** training workshop, offered by the DL Unit, University of Nicosia, December 2018.
- Moodle Essentials training workshop, offered by the DL Unit - UNIC **PURE Research System** Faculty Training Session, offered by the Research & Innovation Office, University of Nicosia, December 2018.
- Cyprus University of Technology, Department of Multimedia and Graphic Arts, **World Usability Day 2017** – Migration, Environment & Technology, 1st November, 2017.
- 10th ILE Conference on "Adult Education Policy and Practice: Gamification, Entrepreneurship Education, and Education Policies", 13-14 October, 2017.
- g.tec Austria and GETLab CUT, one day training on **Nautilus BCI device**, 31 March 2016.
- Cognition Institute, Plymouth University, UK, one day workshop "**Electroencephalography/ ERP technique**", October, 2014.
- Networked Learning Technologies in Art and Design, Cyprus University of Technology, 1st International Conference **iPads in Higher Education**, 20-22 March 2014.
- Robotics Academy, Frederick University Cyprus, 5 days workshop "**Practical Implications of Robotics in Primary School: Lego Mindstorms NXT**", November, 2013.
- Cyprus University of Technology, Department of Multimedia and Graphic Arts, workshop "**Word Usability Day: Technology Enhanced learning**", 13th November 2013.
- 8th European Conference on **Technology Enhanced Learning Scaling up Learning for Sustained Impact**, Paphos, Cyprus, 17 - 21 September 2013.
- 9th Joint European Summer School on **Technology Enhanced Learning**, 27th -31st May 2013.
- 9th Joint European Summer School on **Technology Enhanced Learning, "Structured dialogue workshop"**, 27th -31st May 2013.
- KETPEE, Two days Seminar on "**Web 2.0: Blogs and Wikis**", focusing on how to effectively utilize them in the learning process, 28th -29th June 2012, Pedagogical Institute, Limassol.
- KESEA-TPEE, Educational Seminar "**Information, Communication Technologies and Educational Reform**", 28th April 2012, Limassol.
- Cyprus University of Technology in collaboration with the University of Cyprus, event on "**Computer and Games**", 19th December 2011.
- CARDET, conference on "**Visual Thinking, Visual Learning**", 24th September 2011.
- CARDET and ICEM, Conference "**Innovative Learning Environments**", 10th November 2010.

## Research Projects

- 2017-2019 [co-investigator]:** "Digital, Responsible Citizenship in a Connected World" (DRC) under the Erasmus+, KA2 - Cooperation for Innovation and the Exchange of Good Practices - Strategic Partnerships for school education.
- 2016-2019:** The MIELES project "Modernizing and Enhancing Indian eLearning Educational Strategies" aims to modernise and enhance access to the Indian higher education system by supporting the development of diverse institutional e-learning strategies.
- 2017-2018:** The YALE University in conjunction with the Centre for the Advancement of Research and Development in Educational Technology (CARDET) aims to develop
- 2014-2018:** COST Action IS1404 E-READ: Evolution of Reading in the Age of Digitization (Member of

the WG4-The Ergonomics of Reading)

**2013-present:** External expertise in funded Programme/ Projects such as RFP, FP7, Horizon 2020, Erasmus+, Youth in Action (LLP), HRDA (Human Resource Development Authority of Cyprus) and COST actions

**2010-2012:** Research fellow in the Internal Research of Cyprus University of Technology named ENAK-TEPAK, "Social Networks and Online Communities"

## Publications

### ■ JOURNALS

Karageorgakis, T., & **Nisiforou**, E. (in press). Virtual Reality in EFL classroom: educational affordances and students' perceptions in Cyprus. *Cyprus Review*.

Farmaki, C., Shakkalis V., & **Nisiforou**, E. (under review). Assessing learners field dependency through EEG-based bistable perception processing. *Frontiers in Human Behaviour*.

**Nisiforou**, E. A., & Zaphiris, P. (2018). Let me play: unfolding the research landscape on ICT as a play-based tool for children with disabilities. *Universal Access in the Information Society*, 1-11.

Laghos, A., & Nisiforou, E. (2018). Computer Assisted Language Learning Social Networks: What Are They Talking about?. *Social Networking*, 7(03), 170.

Eteokleous, N., & **Nisiforou**, E. (under review). Unfolding Children Creative Thinking: The Case of an Educational Robotics Curriculum.

**Nisiforou**, E., & Laghos, A. (2015). Field dependence-independence and eye movement patterns: investigating users' differences through an eye tracking study. *Interacting with Computers*, iwv015.

**Nisiforou**, E., & Laghos, A. (2015). Examining the Effect of Gender Identity on the Use of Social Media Technology: A Higher Education Approach. *Journal of Arts and Humanities*, 4(4), 16-32.

**Nisiforou**, E., & Laghos, A. (2013). Do the eyes have it? Using Eye Tracking to Assess Students Cognitive Dimensions. *Journal of Educational Media International* 50(4).

### ■ BOOK CHAPTERS

**Nisiforou**, E. A., & Vrasidas, C. (in progress). Digital Citizen in a Connected World. In *Emerging Technologies and Pedagogies in the Curriculum*. Springer.

**Nisiforou**, E., & Eteokleous, N. (2014). The Role of Blogging in a Changing Society: Theory, Practice and Implications. In P. Breen (Ed.), *Cases on Teacher Identity, Diversity, and Cognition in Higher Education*, IGI Global: Idea Group Inc.

**Nisiforou**, E., & Laghos, A. (2014). When our changing society meets the Social Media era. In V.C. Wang (Ed.), *Handbook of Research on Education and Technology in a Changing Society* (2 Volumes) (pp. 1-1350). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-6046-5

### ■ CONFERENCE PROCEEDINGS/ WORKSHOPS

Eteokleous, N., & **Nisiforou**, E. (2019). Developing Children's Creativity Through an Educational Robotics Curriculum. *AERA 2019 Annual Meeting*.

Vrasidas, C., & **Nisiforou**, E. (2018). Digital Citizenship and key challenges: Case studies from EU projects. In *International Council of Educational Media ICEM2018*, 4-7 September, Tallinn, Estonia.

Eteokleous, N., Christodoulou, C., & **Nisiforou**, E. (2018). Creativity Thinking Skills Promoted through Educational Robotics. In *International Conference Educational Robotics Edurobotics 2018*, 11 October, Rome, Italy.

Eteokleous, N., & **Nisiforou**, E. (2017, March). Blogging to Influence: Identifying Factors to Fuel Technology Integration. In *Society for Information Technology & Teacher Education International Conference* (pp. 1535-1544). Association for the Advancement of Computing in Education (AACE).

**Nisiforou**, E. (2018, January). Assessment and Evaluation of Training Programs. University of Nicosia, Nicosia Cyprus.

**Nisiforou**, E. (2018, January). Instructional Design for Distance Education. University of Nicosia, Nicosia Cyprus.

Eteokleous, N., & **Nisiforou**, E. (2017). Blogging to Influence: Identifying the Factors that Fuel Integration. In *proceedings of SITE 2016 Annual Meeting*.

**Nisiforou**, E., & Parmaxi, A. (2016). Mingling Students Cognitive Abilities and Learning Strategies to Transform CALL. In *Proceedings of the 2016 EUROCALL Conference*, Limassol, Cyprus.

Eteokleous, N., & **Nisiforou**, E. (2015). The Power of Blogs for Problem Solving. Presentation, Bett Show, the world's leading education technology event. 21-24 January 2015. Excel. London.

**Nisiforou**, E., Eteokleous, N., & Karousiou, C. (2015). Incorporating New Technologies to Change Teacher Education: The Case of a Centralized Educational System. In Society for Information Technology & Teacher Education International Conference, 2015 (1), pp. 2476-2480.

Eteokleous, N., & **Nisiforou**, E. (2015). Incorporating Blogs to Transform and Revolutionize Pre-Service Teacher Education. In Proceedings of the 16th Biennial Conference of the European Association for Research in Learning and Instruction (EARLI), 25-29 August, 2015, Limassol, Cyprus.

**Nisiforou**, E. (2015). Examining the association between users' creative thinking and field dependence-independence cognitive style through eye movement components. In Proceedings of the 11th ACM Conference on Creativity & Cognition.

Eteokleous, N., & **Nisiforou**, E. (2014). The Power of Blogs: Addressing a Problem through a Blended Interdisciplinary Collaborative Learning Environment. In proceedings of AERA 2014 Annual Meeting.

**Nisiforou**, E. A., Michailidou, E., & Laghos, A. (2014). Using Eye Tracking to Understand the Impact of Cognitive Abilities on Search Tasks. In Universal Access in Human-Computer Interaction. Design for All and Accessibility Practice (pp. 46-57). Springer International Publishing.

**Nisiforou**, E., & Eteokleous, N. (2013). Defining Evaluation Criteria in Blogging and Non Blogging: A Case Study from a Pedagogical Perspective. INTED 2013: International Technology, Education and Development Conference Proceedings (pp. 4750-4758). Valencia, Spain: IATED.

**Nisiforou**, E. (2013). Using Eye Tracking and Electroencephalography to assess and evaluate students' cognitive dimensions. In EC-TEL Doctoral Consortium Proceedings, Paphos, Cyprus.

**Nisiforou**, E., & Michailidou, E. (2013). Cognitive Abilities and Visual Complexity: Web Users' behaviour and perception. In 2nd Interaction Design & Human-Computer Interaction Workshop, Limassol, Cyprus.

**Nisiforou**, E., & Laghos, A. (2012). A Pilot Study using Electroencephalography and Eye-Tracking to Assess and Evaluate Learning Styles. Proceedings of the 62nd Annual Conference International Council for Educational Media 2012, Nicosia, Cyprus.

**Nisiforou**, E., & Laghos, A. (2011). An Overview: The Development of ICT in the Educational System of Cyprus. In S. Barton et al. (Eds.), Proceedings of Global Learn Asia Pacific 2011 (pp. 534-539). AACE.

**Research Interests**

HCI Education · Technology Enhanced Learning (TEL) · Distance Learning · Educational Neuroscience · Personalized Learning Environments (PLE) · Instructional Design · User Experience (UX) · User-centred design

**Memberships**

American Educational Research Association (AERA)  
 Association for Computing Machinery (ACM & ACM - W)  
 Cyprus Interaction Lab, Limassol, Cyprus (CIL)  
 EARLI Association, SIG Neuroscience and Education  
 Pedagogical Society of Cyprus  
 Scientific Association of Doctoral Candidates Cyprus

**Local Organizer and co-Chair**

- Program Board Member: 5th International Conference on Learning and Collaboration Technologies, HCI International Conference.  
 - Co-organiser of the MEDD seminar entitled 'Utilizing the multi-level dimension of new technologies in education', University of Nicosia, UNESCO Chair, Argos 2018, Greece.  
 - JURE 2015 International Organizing Committee, Limassol, Cyprus.  
 - 9th Joint European Summer School on Technology Enhanced Learning, Local Organizer and co-Chair, Limassol, Cyprus.