

Dr. Simos Anagnostakis

Department of Primary Education
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He was born in Thessaloniki in 1965. His current position is in the Laboratory Teaching Staff at the Department of Primary Education at the University of Crete since 2004 and he has been working at the university since 1992.

EDUCATION

- He was awarded a doctorate in the Department of Primary Education in University of Western Macedonia in 2019 (PhD Thesis Topic: "Research and Planning a Framework for Pre-service Primary Education Teachers in Educational Robotics").
- He attended a postgraduate education program in 2010 from Department of Primary Education in the University of Crete (Master Thesis Topic: "Educational Robotics as a Tool for the Development of Technology Literacy, Problem Solving Skills and Environmental Awareness").
- He also attended a two semesters Pedagogical Training Program in 2004 from School of Pedagogical & Technological Education (ASPETE).
- He received his degree from the Department of Electrical Engineering, and Alexander Technological Educational Institute of Thessaloniki (now International Hellenic University) in 1989.

RESEARCH INTERESTS

Educational Robotics, Physical Computing, Microcontrollers, Open-Source Software, Electronic Games and Learning, Education and the Internet.

PROFESSIONAL DATA

- 2004- present Laboratory Teaching Staff, Department of Primary Education, UoC.
- 1992-2004 Specialized Technical Staff, Department of Primary Education, UoC.
- 1987-88 Military Service in the Hellenic Army.
- 1986-1992 Electronic Engineer in Vlassis – Electronic Games.

TEACHING EXPERIENCE

- He teaches courses as well as workshops in the field of Computer Science at the Department of Primary Education in University of Crete (Introduction to Informatics, Teaching Programming with Tangible Systems, Educational Robotics, Internet Technology, Databases, Digital Literacy and the Internet).
- At the graduate level he taught at the same department for a year (2019-20).
- At the graduate level of the School of Humanities of the Hellenic Open University (HOU), he taught from 2020 to 2021, "Innovation in distance education: pedagogical and technological applications" (ETA51) of the Graduate Program "Education and Technologies in Distance Teaching and Learning Systems: Educational Sciences" (ETA) and 2021-2023, "Adults in Open and Distance Education" (EKE54) of the Postgraduate Program "Adult Education" (EKE)

- Has taught at undergraduate level, as a Laboratory Associate at the Department of Electronic Engineering in Technological Educational Institute of Crete, (now Greek Mediterranean University) the course Microcomputers for 9 years (1995 - 2004).
- He has experience as trainer at summer schools Comenius and Grundtvig Training “AESTIT EDUCATIONAL ROBOTICS 'INTRODUCTORY COURSE” in Rethymno, Crete, Greece 2008, 09,10,11,12, and Antalya - Turkey, 2012.
- He taught Informatics courses such as Communications Networks, UNIX Operating System, Programming, Computers, Spreadsheets, Text Editing, for 4 years (1995-1998) in the Institute of Vocational Training of Rethymno.

PUBLICATIONS / ANNOUNCEMENTS

- [Simos Anagnostakis, "Research and Planning a Framework for Pre-service Primary Education Teachers in Educational Robotics", 4th International Conference "Education Across Borders", 19th – 20th October 2018, Florina, Greece.](#)
- [Simos Anagnostakis & P. G. Michaelides, "Teaching Educational Robotics for Schools: some retrospective comments" HSci2012 - 9th International Conference on Hands on Science, 17-21 October 2012, Antalya, Turkey, <http://www.hsci2012.org/>.](#)
- [Miltiadis Tsigris, Simos Anagnostakis & P. G. Michaelides, "A Robotic Chemical Analyzer" HSci2010 - 7th International Conference on Hands-on Science: Bridging the Science and Society gap, July 25 - 31, 2010 at The University of Crete campus, Rethymno, Greece.](#)
- [Simos Anagnostakis, Athanasia Margetousaki, P. G. Michaelidis, "The Potential of Laboratory Educational Robotics in Primary Schools", in the 4th international conference "Didactic of Informatics" Mars 28 - 32, 2008 University of Patra, Greece.](#)
- [Simos Anagnostakis, P. G. Michaelides, Results from an undergraduate test teaching course on Robotics to Primary Education Teacher – Students, 4th International Conference on Hands-on Science, 23rd - 27th July 2007, Ponta Delgada, Azores, Portugal.](#)
- [Simos Anagnostakis, P. G. Michaelides, "Laboratory of Educational Robotics' - An undergraduate course for Primary Education Teacher – Students", presented at the HSci 2006 - 3rd International Conference on Hands-on Science, 4th - 9th September 2006, Braga, Portugal, proceedings published by the University of Minho.](#)

APPLIED RESEARCH EXPERIENCE

- “Program of Pedagogical and Teaching Competence”, UoC, 2015 – 18.
- IRRESISTABLE – “Including Responsible Research and innovation in cutting Edge Science and Inquiry-based Science education to improve Teacher's Ability of Bridging Learning Environments”, UoC, 2015 - 17.
- MOBILIM – “Modular Mobile Education: Science Experiments, a Leonardo da Vinci project supported by the European Commission”, coordinated by Prof Mustafa Erol of Bozok University – Turkey, UoC, 2009.
- AESTIT – “An Efficient and Affordable In-Service Training Scheme for the Science Teacher. A SOCRATES - Comenius 2.1 project supported”, UoC, 2005 – 08.
- SGE – “Safety Goes Europe”, UoC, 2005 - 07.

- HCSI – “Hands-on Science” contract number 110157-CP-1-2003-1-PT-COMENIUS3”, UoC, 2004 – 06.
- OIKOS – “Originating Innovative methods to learn and teach Knowledge in the field of earth and natural sciences derived from an Original and combined use of applicative Software, UoC, 2005 -06
- Network and Website Development and Support in “*Greek Education abroad*” of Centre for Intercultural and Migration Studies (CIMIS) 1997 – 2004.