

Stavros Demetriadis
Associate Professor

- Born: 1960

A. Studies

- Diploma: Physics Department, Aristotle University of Thessaloniki (AUTH) (1983)
- MPhil (2 years full-time including thesis defense): Electronic Physics, Physics Department, AUTH (1986)
- PhD: "Multimedia Technology in the Educational Process", Department of Informatics, AUTH (2000)

B. Career

- 2015-today: Associate Professor, Department of Informatics, AUTH
- 2012-2015: Assistant Professor (tenured), Department of Informatics, AUTH
- 2008-2012: Assistant Professor (tenure track), Department of Informatics, AUTH
- 2002-2008: Lecturer, Department of Informatics, AUTH
- 1989-2002: Informatics Teacher, Greek Secondary Education

C. Teaching / Theses Supervision

- 1989-2002:
 - o Teaching many informatics courses at secondary education.
- 2002-today:
 - o (A) Undergraduate Courses at the Department of Informatics, AUTH:
 - Learning Theories and Educational Software
 - Didactics of Informatics
 - Human-Computer Interaction (since 2013)
 - Design and Evaluation of Educational Software
 - Flexible Learning with ICT (until 2013)
 - Multimedia systems (until 2006)
 - o (B) Postgraduate Courses at the Department of Informatics, AUTH:
 - Multimedia Technology in Education
 - Constructivist learning environments with ICT
 - o Also sporadically taught courses at:
 - Department of Primary Education, University of Thessaly (2 semesters)
 - Master in Information Systems, University of Macedonia, Greece (3 semesters)
 - Pedagogical School (SELETE) of Volos, Greece (2 semesters)
 - Various seminars in LLL programs of secondary education teachers on technology-enhanced learning
- Thesis supervision (2002-today):
 - o Supervised/-ing:
 - 109 Undergraduate theses
 - 59 Postgraduate theses
 - 2 PhD dissertations completed
 - 4 PhD dissertations in progress
 - o Member of PhD supervising committee:
 - In 13 dissertations (6 completed / 7 in progress)
 - o Member of PhD evaluation committee:
 - In 7 dissertations (one of them at University of Sydney, Australia).

D. Research

Major research work is in the following areas:

- Computer-supported collaborative learning, with emphasis on technologies for scripted collaboration.

- Educational Robotics, with emphasis on tangible user interfaces and advancement of students' computational thinking.
- Adaptive/intelligent educational systems, with emphasis on online Conversational Agents for supporting collaborative learning.
- Distance learning, with emphasis on blended-learning methodologies.
- Didactics of Informatics, with emphasis on constructivist/connectionist methodologies for and advancement of students' computational thinking.

E. Publications

(as of July 2015):

- International Journals: 37
- Chapters in Edited Volumes: 11
- International Conferences: 62
- International Workshops: 10
- National Conferences: 57
- Books: 6 (in Greek, 2 of them as only author)
- Encyclopedia entries: 1
- *Citations*: Google Scholar service reports more than 1500 citations on the above publications (excluding ~150 self-citations) (see my [Google Scholar page](#)), h-index=17 (after subtracting self-citations).

F. Administrative work

- Member of AUTH committee for the students' Certificate of Pedagogical and Didactical Competence (Representative of Informatics Department, AUTH).
- Representative of Informatics Department for collaboration projects with Secondary education schools and Informatics teachers.
- Study consultant for postgraduate students for the "ICT in Education" direction of studies.
- Representative of Informatics Department in AUTH "Opencourses" institutional project promoting the digitization and free public delivery of AUTH courses.
- Member of various committees at Informatics Department during his service years.

G. Other academic activities

- Author and developer of the '[pytoLearn](#)' website with learning material for Python-based domain-related coding.
- Participation in 15 funded international/national projects from 2002 until today. In 3 of them as Scientific Coordinator.
- Member of the scientific committee in numerous national/international conferences each year.
- Member of the organizing committee in various national/international conferences. In one of them as Program co-Chair.
- Co-organizer of various international workshops.
- Chairman in numerous sessions at national/international conferences.
- Reviewer in 4 international journals.
- Co-editor in four international edited volumes
- Design and development of 13 innovative educational software prototypes
- International collaborations (at various levels) with fellow researchers in Spain, Germany and France.
- Visiting researcher at the University of Valladolid, Spain delivering lectures to postgraduate and doctoral students.
- Collaborative projects with various secondary education schools, with emphasis on educational robotics activities.
- Awards/distinctions include:
 - o 3 "Best paper award" at international conferences
 - o Interview by the "Educational Technology Magazine" (pdf [available here](#))
 - o "Cubes Coding" project awards ([Winners of Open Education Challenge 2014](#) and [NUMA Competition 2014](#)).

- Member of various professional and scientific associations (IEEE member since 2008).