

VOURAKIS STYLIANOS - FANOURIOS

PERSONAL INFORMATION

Name: Vourakis Stylianos - Fanourios
Date of birth: 27/08/1976
E-mail: s.vourakis@gmail.com

EDUCATION

M.Sc. Electronic Automation with specialization in Information Technology – National and Kapodestrian University of Athens

- Departments of Physics and Informatics
- Course average 9.2

B.Sc. Physics – National and Kapodestrian University of Athens

- Specialization in Astrophysics
- Course average 7.2

FOREIGN LANGUAGES

1. English: Excellent

- Certificate of Proficiency in English (University of Cambridge): Grade A (May 1999)
- Certificate of Proficiency in English (University of Michigan): with Honors (April 1999)

2. Spanish: Basic

PROGRAMMING LANGUAGES

Java, Vaadin, Visual Basic, Turbo Pascal, Delphi, C/C++, SQL, Prolog, CUDA

WORK EXPERIENCE

- Army service at the IT center of the **251 General Hellenic Airforce Hospital** (15/3/2004 – 23/8/2004)
 - Development and maintenance of the IT system for patient observation (Visual Basic, MS-SQL Server, Crystal Reports)
 - IT support for storage of medical and personal hospital records
 - Development of Hospital website
- Participation in the research program **RHETOR** of the Informatics and Telecommunications Department of the University of Athens (June 2006 – October 2008). Prof. G. Kouroupetroglou.
Objective: Development of automated content analysis and phonetic navigation tools for newspapers.

- Participation in the research program **MNISIKLIS** of the Informatics and Telecommunications Department of the University of Athens (June 2007 – October 2008). Prof. G. Kouroupetroglou.
Objective: Development of a system for location, navigation and guided tour of indoor spaces. Tools used: Java, XML, SVG, JNI, SAPI. Platforms: PC (Windows) and PDA (Windows mobile 6).
- Participation in the research program **Learning with ATLAS@CERN** of the Physics Department of the University of Athens in collaboration with partners from 7 EU countries and CERN (September 2007 – November 2010). Prof. Ch. Kourkouvelis.
- Participation in the research program **Pathway to inquiry based science education** of the IASA institute (University of Athens) with 24 other partners from 15 countries (January 2011 – December 2014)
- Participation in the research program **Discover the COSMOS** of the IASA institute (University of Athens) with 14 other partners from 9 countries (September 2011 – August 2013)
- Participation in the research program **GoLab** of the IASA institute (University of Athens) with 18 other partners from 12 countries (November 2012 – October 2016)
- Participation in the research program **Inspiring Science Education** of the IASA institute (University of Athens) with 29 other partners from 15 countries (April 2013 – July 2016)
- Participation in the research program **Creations** of the IASA institute (University of Athens) with 15 other partners from 12 countries (October 2016 – September 2018)
- Participation in the research program **Frontiers** of the IASA institute (University of Athens) with 5 other partners from 5 countries (October September 2018 – Today)
- Participation in the research program **Reinforce** of the IASA institute (University of Athens) with 10 other partners from 7 countries (December 2019 – Today)

SELECTED PUBLICATIONS

- C Kourkouvelis and S Vourakis , HYPATIA-An online tool for ATLAS event visualization, IOP science Physics Education, Volume 49 Number 1, 2014 Phys. Educ. 49 21 doi:10.1088/0031-9120/49/1/21 <http://iopscience.iop.org/0031-9120/49/1/21/>
- C.Kourkouvelis and S.Vourakis, Introducing HEP to schools through educational scenaria, EPJ Web of Conferences 95,03021 (2015) DOI:10.1051/epfconf/20159503021
- Stylianos Vourakis, Christine Kourkouvelis and Sofoklis Sotiriou, The interactive "HYPATIA" tool as a good practice science education resource of the "Go-Lab" FP7 European project , International Conference New Perspectives in Science Education, Florence 2015, published in proceedings EAN: 9788862926003 ISBN: 8862926006
- Christine Kourkouvelis, Stylianos Vourakis, Involving students in HEP research with the help of the "Inspiring Science Education" and "Go-lab"

European outreach projects – European Physical Society Conference on High Energy Physics 2015 Vienna

- Dimitris Fassouliotis, Christine Kourkouvelis, and Stylianos Vourakis The Inspiring Science Education project and the resources for HEP analysis by university students ICNFP 2015, European Physical Journal Web of Conferences, Vol. 126 (2016) <https://doi.org/10.1051/epjconf/201612602017>
- Introducing HEP to high-school and university students through ATLAS event analysis tools, EPJ Web of Conferences Volume 164, 07018 (2017) DOI: 10.1051/epjconf/201716407018 ICNFP 2016 <https://doi.org/10.1051/epjconf/201716407018>
- Christine Kourkouvelis, Stylianos Vourakis and Sofoklis Sotiriou, HEP interactive activities in high schools in the framework of the CREATIONS project, The European Physical Society Conference on High Energy Physics, 5-12 July, 2017, Venice, Volume 314 <https://pos.sissa.it/314/559/>