Stamatios Gkaitatzis | CV

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Personal Information

Date of Birth: 26 of December, 1983   **Genre**: Male

Place of Birth: Athens   **Marital Status**: Single

Education

Aristotle University of Thessaloniki	**10/2012 – now**
PhD in Particle Physics	*Thessaloniki, Greece*
University of Amsterdam	**09/2008 – 09/2011**
Master of Science in Physics	*Amsterdam, The Netherlands*
Particle and Astroparticle Physics	
University of Crete	**09/2001 – 09/2008**
Degree in Physics	*Heraklion, Greece*

Research Projects

Fast TracKer (FTK)	**10/2013 – now**
Simulation of the Input Mezzanine of FTK	
Supervisor: Prof. Dr. Kostas Kordas	
PhD Thesis	**10/2012 – now**
Study of di-boson production in ATLAS	
Supervisor: Prof. Dr. Chariklia Petridou	
Master Thesis	**09/2008 – 09/2011**
Study of high-energy down-going neutrinos with the ANTARES Telescope	
Supervisor: Dr. Aart Heijboer	
CERN Summer School	**07/2009 – 08/2009**
Optimisation of Kalman's Filter initial covariances for ATLAS Inner Detector	
Supervisor: Dr. Wolfgang Liebig	
Nikhef Project	**01/2006 – 06/2006**
Design and Implementation of Atmospheric Muon Detector	
Supervisor: Prof. Dr. Paul Kooijman	

Work Experience

Klidarithmos Publications Ltd.	**10/2011 – 02/2013**
Translator of physics-related textbooks	*Athens, Greece*
Worked on *Physics for Scientists and Engineers with Modern Physics* by *Raymond A. Serway*	
Klidarithmos Publications Ltd.	**09/2007 – 10/2010**
Translator of computer-related textbooks	*Athens, Greece*
Foundation of Research and Technology (FORTH)	**01/2003 – 07/2003**
Research on Coherent Laser Backscattering	*Heraklion, Greece*

Computer skills

Programming Languages: C/C++, Java, Fortran 77, Pascal, Python, Javascript, Lua

Operating systems: GNU/Linux, FreeBSD, Windows

Frameworks: ROOT, Athena, Seatray

Scholarships

CERN-IKY Programme for Doctoral Students in Particle Physics   03/2014 − 03/2015

Languages

Greek: Native

English: Excellent   *Certificate of Proficiency in English, University of Michigan*

Schools & Seminars

International School of Trigger and Data Acquisition   **01/2014**
Budapest, Hungary

ATHENA Software Tutorial   **12/2012**
CERN, Switzerland

CERN Summer School   **07/2009 − 08/2009**
CERN, Switzerland

Presentations

Workshop on Intelligent Trackers   **05/2014**
A parallel FPGA implementation for real-time 2D pixel clustering   *Philadelphia, USA*
for the ATLAS Fast Tracker Processor
Antares Collaboration Meeting   **09/2011**
Point source searches with down-going neutrinos   *Bamberg, Germany*

Publications

A Measurement of WZ Production in Proton-Proton Collisions at sqrt(s) = 8 TeV with the ATLAS Detector: cern

A Multi-Core FPGA-Based 2D-Clustering Implementation for Real-Time Image Processing: ieee

A parallel FPGA implementation for real-time 2D pixel clustering for the ATLAS Fast Tracker Processor: iopscience