

FINISHED PhD THESES
Academic Year 2015-2016

A/A	SURNAME/NAME	THESIS TITLE	SUPERVISOR
1	DORIZAS PARASKEVI-VIVIAN	Indoor environmental pollution from ultrafine particles with controlled ventilation in buildings	M. Assimakopoulos
2	IORDANIDOU KALLIOPI	Study of the $H \rightarrow ZZ(*) \rightarrow 4l$ decay channel and contribution to the forward muon detection with the ATLAS experiment	D. Fasouliotis
3	KOUROUTZOGLOU IOANNIS	Contribution to the study of the explosive cyclogenesis in Mediterranean	H. Flocas
4	CONSTANTINOU NAVID	Formation of large-scale structures by turbulence in rotating planets	P. Ioannou
5	MARINOS DIMITRIOS	Study and Realization of a Wireless Optical Telecommunications System	C. Aidinis
6	PASCHALIS PAVLOS	Quality control of the high - resolution neutron monitor data and development of simulation techniques	H. Mavromichalaki
7	STAVROS PHILEMON	Protein Thermodynamic stability: correlation with protein architecture domain & crystallization conditions	I. Lelidis
8	GOUSKOS LOUKAS	Search for supersymmetry in events with a single lepton, jets and missing transverse energy with the CMS detector at LHC	P. Sphicas
9	DAVIS NIKOLAOS	Searching for the chiral critical point of quark matter in relativistic ion collisions	F. Diakonou
10	PAPANIKOLAOU CHRISTOS	Identifying and addressing conceptual difficulties in electronics	G. Tombras
11	GKINI MARIA	Development and application of novel techniques for characterization of atmospheric aerosol physical properties	C. Helmis
12	KOSTOPOULOS VASSILIS	Parameterization of the coefficients for momentum, heat and humidity turbulent fluxes within the surface Marine Atmospheric Boundary Layer and implementation in an atmospheric or/and an oceanographic model	C. Helmis
13	ANGELIDAKIS STYLIANOS	Search for Higgs bosons in the final state $ZZ(*) \rightarrow llqq$ with the ATLAS detector at the LHC	D. Fasouliotis
14	ZALONIS ANDREAS	Techniques for heterogeneous and flexible wireless communication systems	G. Tombras
15	KITSARA GIANNOULA	Impact of climate change on the components of hydrological cycle	Georgia Papaioannou
16	TSIRINTANIS NIKOLAOS	Search for new heavy, charged gauge bosons with the ATLAS detector	C. Kourkouveli
17	PALIATHANASIS ANDRONIKOS	Symmetries of Differential equations with applications in Relativistic Physics	M. Tsampanlis
18	PHILIPPOPOULOS KONSTANTINOS	Spatio-temporal modeling of meteorological parameters over complex terrain with the use of artificial neural networks	D. Deligiorgi
19	ACHILLEOS VASSOS	Solitons in mixtures of Bose-Einstein condensates	D. Frantzeskakis

20	MANOUSIASIS PAVLOS	Study of silicon nanostructures for photovoltaic applications	S. Glenis
21	PANOUEVANGELIA	Measuring time and astronomical instruments in greek antiquity: the sundials of the horologion of Andronikos Kyrrhestes (tower of the winds) and other ancient sundials: proposals and educational activities for teaching related notions	X. Moussas
22	PAPAMIHAIL AIKATERINI	The effect of iron ion irradiation on the structural and magnetic properties of iron thin films	M. Kalamiotou
23	PANAGAKOU EVANGELIA	Synchronization phenomena in lattices of coupled oscillators	F. Diakonou
24	KUHN TILMANN	Design, Development and Testing of Innovative Solar-Control Facade Systems	M. Santamouris
25	BRITAVSKIY MIKOLA	Dusty massive stars in the local group	D. Hatzidimitriou