

FINISHED PhD THESES
Academic Year 2014-2015

A/A	SURNAME/NAME	THESIS TITLE	SUPERVISOR
1	DELIS NIKOLAOS	Study of the stochasticity of orbits in non linear dynamical systems: systems with recurrent scattering	X. Moussas
2	DIMAKIS NIKOLAOS	The application of Lie - point symmetries in classical and quantum cosmology	Th. Christodoulakis
3	DIMITROPOULOU M.	Integrated flare model	X. Moussas
4	KALOZOUNIS PANAYOTIS	Study of scattering from aperiodic set-ups with the use of local parity	F. Diakonou
5	KORDAS GEORGIOS	Beyond mean-field dynamics in closed and open bosonic systems	A. Karanikas
6	KOUTSOKOSTA DIMITRA	Study of ultra high energy cosmic rays	A. Geranios
7	KOUTSOURELI M.	Investigation of electrical properties of thin dielectric films used in Micro-Electro-Mechanical Systems (MEMS)	George Papaioannou
8	MITSAKOU ELEFThERIA	Study of solar eruptive phenomena using in-situ data from spacecraft and ground stations	X. Moussas
9	PANTAVOU AIKATERINI	Biometeorological study in urban mediterranean climatic zone: contribution to the evaluation of thermal sensation	G. Theoharatos
10	SGOUROU EFSTRATIA	Study of defects in Si and Si _{1-x} Ge _x	C. Londos
11	TASSI MARIA-KLEOPATRA	Calculation of excited states with the approach "Extended Hartree-Fock". Comparison with other methods	G. Triberis
12	CHRISTOPOULOS STAVROS-RICHARD	Complex dynamical systems and natural time: Application to seismicity	N. Sarlis
13	CHRISTOFI ARISTI	Anisotropic photonic nanocomposites	N. Stefanou
14	VAROTSOS KONSTANTINOS	Effect of climate change on the future chemical composition of the atmosphere	M. Tombrou
15	VELDES GIORGOS	Localized waves in nonlinear metamaterials	D. Frantzeskakis
16	DIAMANTIS NIKOLAOS	Motion of a single hole in quantum spin systems: flat histogram diagrammatic Monte Carlo study	E. Manousakis
17	KATSIKATSOU AIKATERINI	Theoretical and phenomenological study of grand unified models	A. Lahanas
18	KATSIMIGA GARYFALLIA	Topological and non-topological solitons in spontaneously broken gauge theories	X. Maintas
19	LINARDOPOULOS GEORGIOS	Classical strings and membranes in the AdS/CFT correspondence	E. Floratos
20	FAMELI KYRIAKI-MARIA	Photochemical and particulate pollution characteristics above the greater Athens area after 2004	D. Asimakopoulos
21	PETROPOULOU MARIA	A study on radiative instabilities and particle acceleration in magnetized compact sources	A. Mastichiadis
22	DIMITRAKLOUDIS STAVROS	A study of time-dependent photohadronic cascades in high energy cosmic sources	A. Mastichiadis

23	KUSHTA JONILDA	An integrated atmospheric modeling system for the simulation of coupled physical and chemical processes	G. Kallos
24	SAPOUNTZIS KONSTANTINOS	Magnetized and relativistic cosmic jets	N. Vlahakis