

## Doctoral Dissertations

### In Progress

1.	Dimitrakis D., Solar-Thermo-Chemical Reactors with a Zero Carbon Footprint
2.	Kastrinaki G., Synthesis and Characterization of Nanostructured Porous Materials
3.	Melas A., Experimental and Theoretical Study of the Formation and Stability of Nanoparticles
4.	Pagkoura C., Development of Catalytic Nanostructured Coatings on Monoliths
<b>Completed</b>	

1.

Lorentzou S. (2010) Aerosol Nanoparticle Synthesis and their Application on Monolithic Reactors for Environmental Purification

## Diploma Thesis

### 2012

1	K. Bakatselou, "Formation of Redox Materials in Monolithic Structures"
<b>2011</b>	
1.	M. Maglara, "Development and Characterization of Materials for the Synthesis of Nanoparticles"
2.	E. Fotiadou, "CO <sub>2</sub> Thermochemical Splitting"
3.	N. Psara, "Isotopic Study of Redox Materials"
4.	D. Pappas, "Evaluation of Catalytic Soot Particulate Filters"

### 2010

1.	G. Kladas, "Technoeconomical Study of Solar Thermochemical Fuel Production"
2.	P. Pilavakis, "Ferrite Synthesis via the Process of Self-Propagating High Temperature Synthesis"
3.	A. Koutsianos, C. Tsoukalas, "Measurement of Nanoparticles and Gas Flow in a Monolithic Reactor"

### 2009

1.	C. Lekkos, "Computational Study of a Solar-Thermochemical Reactor for the Production of Hydrogen"
2.	A. Kolomvaki, A. Paraskaki, "Isotopic Characterization of Redox Materials"
3.	A. Georgiadi, "Characterization of Materials for Solar Thermochemical Fuel Production"
4.	V. Polatidis, "Computational Analysis of Raman Spectra for the Characterization of Nanoparticles"
5.	A. Melas, "Development and Characterization of Materials for the Synthesis of Nanoparticles"
6.	D. Tsaoulidis, "Solar-Thermal Hydrogen Production: SO <sub>3</sub> Decomposition"
7.	P. Konstandinidis, I. Mavrovas, "Construction of a Self-Controlled Reactor for the Synthesis of Nanoparticles"

### 2003

1.

Zygiogianni Alexandra, "Σύνθεση καταλυτικών νανοσωματιδίων μικτών οξειδίων μέσω αυτοπρωτόλυσης"