



Curriculum Vitae



Personal Information

Surname / Name **PETAROUDIS CHRISTOS**
 Address 41 Ektoros Str. Voula,. 16673
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 Date of Birth 24/03/83
 E-mail Address roudis12@gmail.com

Work Experience

Dates	September 2013 – current
Occupation	Network and Systems administrator
Main Activities	Software maintenance, renewal & upgrade. Web portal maintenance, update & upgrade. Technical support for all the users. Maintenance & renewal of IT equipment. Server backups. Network monitoring & maintenance, Monitoring and ensure for the security of IT systems.
Type of business / Sector	IT dpt - Municipality of Chalandri
Dates	March 2010 – September 2013
Occupation	Municipal Police Officer
Main Activities	Applying the law of 3731/2008
Type of business / Sector	Municipality of Chalandri
Dates	February 2008 – March 2010
Occupation	Junior IT support engineer
Main Activities	Software Installation, Software setting, IT operation controls. Update & Upgrade software systems. Technical users support. Maintenance of computer systems. Maintenance of computer networks. Installation & maintenance of intranet network. Server backups.
Type of business / Sector	IT dpt - Fournalis Group
Dates	September 2004 – February 2007
Occupation	Junior IT support engineer
Main Activities	Software maintenance renewal & upgrade. Technical users support, Maintenance & renewal of IT equipment.
Type of business / Sector	Municipality of Athens

Education and training

Dates	2019 – current (PhD Candidate)
PhD Title	Tin dioxide thin films as a transparent conductive oxide for various optoelectronic applications
Name of organization providing education	University of West Attica in collaboration with Institute of Nanoscience and Nanotechnology (INN) of NCSR “Demokritos”
Dates	2009-2011
Title of qualification awarded	Master of Science in “Data Communications Systems”
Master Thesis Title	«Securing a bluetooth network»
Name of organization providing education	Brunel University
Dates	2000 - 2008
Title of qualification awarded	Bachelor of Computer System Engineering
Bachelor Thesis Title	«New Types of optical fibers»
Name of organization providing education	Piraeus University of Applied Sciences
Dates	1997-2000
Title of qualification awarded	High School Diploma
Name of organization providing education	4th High School of Galatsi
Personal Skills and Competencies	
Mother Tongue	Greek
Other Languages	English (Proficiency – University of Michigan)
Computer skills and competencies	<ul style="list-style-type: none"> • Windows 98, 2000, XP, VISTA, Windows 7, Windows 8, Windows 10, Windows 11 • Word, Excel, PowerPoint, Outlook for Windows, Internet • Excellent user of printers & multitasking machines • Website development and management (wordpress, joomla) • Advanced knowledge of SharePoint- Intranet • Advanced knowledge of WINDOWS SERVER 2003, 2008, 2012, 2016, Hyper-V & Active Directory
Social skills and competencies	Team Spirit & multicultural orientation, Flexibility, High Organizational & Communication skills, Lifelong learning.

Other skills and competencies

- Sports (many participations and awards in road and mountain races since 2013, 12 years member of basketball team and 3 years in a swim team),
- Music (playing bouzouki and guitar)
- Traveling, Reading, Cinema

Driving License

B' category

Additional Information

Research Papers

1. **Preparation of hydrogen, fluorine and chlorine doped and co-doped titanium dioxide photocatalysts: A theoretical and experimental approach**, Scientific Reports volume 11, Article number: 5700 (2021), Issue 1, p.1-12 , <https://doi.org/10.21203/rs.3.rs-1894357/v1>

Petros-Panagis Filippatos, Anastasia Soultati, Nikolaos Kelaidis, **Christos Petaroudis**, Anastasia-Antonia Alivisatou, Charalampos Drivas, Stella Kennou, Eleni Agapaki, Georgios Charalampidis, Abd. Rashid bin Mohd Yusoff, Nektarios N. Lathiotakis, Athanassios G. Coutsolelos, Dimitris Davazoglou, Maria Vasilopoulou, Alexander Chroneos

2. **Influence of thermal cycling on the optical and the electrical properties of APCVD tin oxide films grown using water and methanol vapors as oxidizers**, Thin solid films , Volume 734, 30 September 2021, p. 138841 , <https://doi.org/10.1016/j.tsf.2021.138841>

Christos Petaroudis , Ioannis Kostis, Petros-Panagis Filippatos, Alexander Chroneos, Anastasia Soultati, Maria Vasilopoulou and Dimitris Davazoglou

3. **Probing the electronic structure of fine and large-grained SnO₂ layers by spectroscopic ellipsometry and current-voltage measurements**, Thin solid films, Volume 741, 1 January 2022, p.139039, <https://doi.org/10.1016/j.tsf.2021.139039>

Christos Petaroudis, Ioannis Kostis, Petros-Panagis Filippatos, Alexander Chroneos, Anastasia Soultati, Maria Vasilopoulou and Dimitris Davazoglou

4. **Optimization of the hydrogen response characteristics of halogen-doped SnO₂**, Scientific Reports volume 13, Article number: 2524 (2023), <https://doi.org/10.1038/s41598-023-29312-6>

Petros-Panagis Filippatos, Rohit Sharma, Anastasia Soultati, Nikolaos Kelaidis, **Christos Petaroudis**, Anastasia-Antonia Alivisatou, Charalampos Drivas, Stella Kennou, Stavros-Richard G. Christopoulos, Dimitris Davazoglou, Maria Vasilopoulou & Alexander Chroneos.

5. **Investigation of the electric transport mechanism in molybdenum and tin oxide used in chemiresistor applications by simultaneous I-V and spectroscopic ellipsometry measurements at variable temperatures**. TechConnect World 2020, June 29-July 1, National Harbour, MD. Washington, USA

C. Petaroudis , Y. Kostis , N. Vourdas , A. Soultati , P. P. Filippatos , N. Kelaidis , A. Chroneos , M.Vasilopoulou , and D. Davazoglou

6. **Smart Gas Sensors, Machine Learning for the identification of various gases by MOS gas sensors**. 35th Panhellenic Conference on Solid State Physics and Materials Science, September 26-29, 2021, Virtual Conference

K. Andrikos , P. P. Filippatos , **C. Petaroudis** , I. A. Klampanos , G. Paliouras and D. Davazoglou

Poster at an international conference	1. Electronic structure, optical and electrical properties of APCVD SnO ₂ films. Influence of thermal cycling. EUROCVTD / Baltic ALD Conference – 29 May – 2 June, 2023
	C. Petaroudis , I. Kostis, P. Filippatos, A. Chroneos, A. Soultati, M. Vasilopoulou and D. Davazoglou.
Seminars Attended	<ul style="list-style-type: none"> • Microsoft Sharepoint Services, 40 hours • Maintaining a Microsoft SQL Server 2005 Database(2780), 40 hours (ICTC) • Electronic handling of documents - electronic signature & public infrastructure key to Public Administration, 6 hours (FORUM training & consulting) • Web design, 50 hours (KDBM) • Electronic Newspaper, 50 hours (KDBM) • Metropolitan networks MAN και SYZEFXIS, 35 hours (EKDDA) • Training in electronic public procurement, 21 hours (EKDDA) • Configuration WINDOWS SERVER 2008, 70 hours (EKDDA) • Technologies and network management, 70 hours (EKDDA) • Security of information systems: Basic Skills, 35 hours (EKDDA) • Introduction to web application development by using JAVA, 35 hours (EKDDA) • Basic knowledge in system and network security at the Ministry of Interior, 24 hours (EKDDA) • Raising awareness of Cybersecurity issues for employees of the Ministry of the Interior, Decentralized Commands & Municipalities, 16 hours (EKDDA) • Microsoft Security, Compliance, and Identity Fundamentals (SC-900), 8 hours(EKDDA) • The new general European regulation 2016/79 on personal protection data protection (GDPR) and its impact on businesses, 8 hours, (TUV HELLAS) • Emotional Intelligence, 32 hours (Ergoway) • Participation in several IT & Digital Communications conferences, Digital Systems Security και Smart Cities-Digital Citizens (GREEK ICT FORUM)
Military Obligations	Fulfilled at the Navy Force
References	Available upon request.