Curriculum Vitae

Name	NIKOLAOS.H.VAKAKIS
Address	Leonida 6 koubeli, Chania
Telephones	2821 51782, 6977-693119
Born	Chania 5 June 1973
Nationality	Greek

University Education

Sep 1999 – June 2001	National Technical University of Athens M.Sc. Materials science and technology,
Sep 1992 – Nov 97	Department of Physics, University of Crete Diploma in Physics,

Academic Experience, training and scientific Career

Sep2001 – June 2010	Technological Educational Institution of Crete (TEIC) Teaching Assistant at Department of Electronics and Department of Natural Resources Management. Courses taught: Metrology Laboratory, Physics Laboratory, Applied Electromagnetism Laboratory, Electromagnetic Compatibility (theory)
Nov 2001 – April 2004	Research Assistant to Project with title: "Suppression over High dynamic range of Ase at the Rising edge of ultra-intense femtosecond Pulses, (SHARP)" funded by European Union through Framework Programme 2000-2006 (FP5), Contract no: HPRI - CT - 2001 - 50 037.
Sep 2002- Aug 2006	Laboratory Personnel Technical University of Crete (TUC) Structure of Matter and Laser Physics Laboratory - Department of Sciences - Physics Division, Main activities and responsibilities: 1. Scientific, technical and administrative support. 2. Teaching Laboratory Physics PHY(.101, PHY.102).

Sep2006 – Present	Laboratory Personnel Technical University of Crete (TUC) Laboratory of Physical Chemistry and Chemical processes School of environmental Engineering Main activities and responsibilities: 1. Scientific, technical and administrative support. 2 Teaching Laboratory Physical Chemistry

Publications- Conferences

Σεπ 2001	**N.Vakakis**, S.Spyrou, N.Vainos and M.Kompitsas, *" Reactive Pulsed Laser Deposition of Ta/TaO_x Structures",* NATO – ASI Kaunas Lithuania "Chemical Physics of Thin Film Deposition Processes for Micro- and Nano-Technologies"
Νοε 2003	N. A. Vainos, A. Tsigara , J. Manasis, A. Giannoudakos, G. Mousdis, **N. Vakakis**, M. Kompitsas, A. Klini, and F. Roubani-Kalantzopoulou "*Metal/metal-oxide/metal etalon structures grown by pulsed laser deposition"* COLA 2003 HERAKLION CRETE
Σεπ 2004	N. A. Vainos, A. Tsigara , J. Manasis, A. Giannoudakos, G. Mousdis, **N. Vakakis**, M. Kompitsas, A. Klini, and F. Roubani-Kalantzopoulou "*Metal/metal-oxide/metal etalon structures grown by pulsed laser deposition"* Appl. Phys A **79**, 1395 (2004)
Σεπ 2004	S.D.Moustaizis, M. Tatarakis, **N.Vakakis** and N. Kortsalioudakis, Jérôme Gaudin,and Philippe Martin, F. N. Beg, K. Krushelnick and A. E. Dangor, *"Quartz induced Luminescence by Neutron impact using*

	a Plasma Focus device", 8th International Conference on Applications of Nuclear Techniques, Crete, Greece Sept. 12-18, 2004
Σεπ 2004	M. Tatarakis, M. Bakarezos, N. Papadogiannis, **N. Vakakis**, N. Kortsalioudakis, S.D. Moustaizis, P. Nilson, T. Witting, "Enhancement of the x-ray yield during the interaction of two collinear short pulse UV laser beams with a solid target*",* *8th International Conference on Applications of Nuclear Techniques, Crete, Greece Sept. 12-18, 2004*
Μαιος 2004	S. Tzortzakis, N. Kortsalioudakis, M. Tatarakis, **N. Vakakis**, S.D. Moustaïzis, M. Franco, B. Prade, A. Mysyrowicz, N. Papadogiannis, A. Couairon, "Self-guided propagation of fs UV laser pulses and efficient harmonic generation in low pressure argon*", CLEO/QELS 2004, The Moscone Center West, 16-22 May 2004, San Francisco, California, USA.*
Φεβ 2005	N.Kortsalioudakis, M. Tatarakis, **N.Vakakis**, S.D. Moustaizis, S.Tzortzakis, M.Franco, B. Prade, A. Mysyrowicz, N.A. Papadogiannis, A.Couairon, "*Enhanced harmonic conversion efficiency in the self-guided propagation of femtosecond ultraviolet laser pulses in Argon"* (Appl. Phys. B, **8**, pp.211-214, (2005))
Νοεμβ 2005	Norreys PA, Lancaster KL, Habara H, Davies JR, Mendonca JT, Clarke RJ, Dromey B, Gopal A, Karsch S, Kodama R, Krushelnick K, Moustaizis SD, Stoeckl C, Tatarakis M, Tampo M, **Vakakis N**, Wei MS, Zepf M

	*"Observation of ion temperatures exceeding background electron temperatures in petawatt laser-solid experiments" (*Pl Phys and Contr Fus **47** (11): L49-L56 NOV 2005
Ιαν 2007	G Goula, P. Katzourakis, **N. Vakakis**, T. Papadam, M konsolakis, M. Tikhov, I.V. Yentekakis *"The effect of potassium on the $Ir/C_3H_6+NO+O_2$ catalytic system"* (Catalysis Today, **127**, 1-4, pp.199-206)
Ιουν 2007	Γ. Γούλα, Π. Κατζουράκης, Ν. Βακάκης, Θ. Παπαδάμ, Μ. Κονσολάκης, Ι. Γεντεκάκης, *«Ηλεκτροχημική Προώθηση με Κ της Καταλυτικής Συμπεριφοράς του Ir κατά την Αναγωγή του NO από C_3H_6 κάτω από Συνθήκες Μεταβαλλόμενης Σύστασης Οξυγόνου»,* (Πρακτικά του $6^{ου}$ Πανελλήνιου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, (2007)).

Computer skills

Operation Systems	WINDOWS (95,98,2000, XP, Vista,7,8), UNIX
Office suites	MS OFFICE 97, 2000 (Word, Excel, Power Point), Origin
Computational Languages	Fortran

Languages

English

(FCE, University of Cambridge)