

Curriculum Vitae

Name	Konstantinos Vyrsoinos
Position	Lecturer, Physics Department, AUTH
Education	2007, PhD, Electrical and Computer Engineering, NTUA, Greece 2001, BSc, Department of Physics, AUTH, Greece
Former carrier	2012-2013 Micronova, VTT Research Institute, Finland
	2010-2012 Center for Research and Technology Hellas, Thessaloniki, Greece
	2008-2010 Institute of Computer and Communication Systems, Athens, Greece
	2007-2010 Adj. Lecturer, Department of Informatics and Telecommunication Engineering, University of Western Macedonia, Kozani, Greece
	2008-2010 Research Collaborator, Department of Electronics, ATEI Thessaloniki, Syndos, Greece
	2000–2001 Laboratory Assistant, Heinrich Hertz Institute, Berlin, Germany
Research activities	Optical Interconnects, Photonic Integrated Circuits, Photonic Sensors
Research interests	Optical Signal Processing, Optics, Integrated Optics,
Five most important publications	“ <i>Active plasmonics in WDM traffic switching applications</i> ”, S. Papaioannou, D. Kalavrouziotis, K. Vyrsoinos, J.C. Weeber, K. Hassan, L. Markey, A. Dereux, A. Kumar, S.I. Bozhevolnyi, M. Baus, T. Tekin, D. Apostolopoulos, H. Avramopoulos, N. Pleros, Nature Scientific Reports, Vol. 2, pp. 652, (2012), Citations: 23
	“ <i>Rate multiplication by double-passing Fabry-Perot filtering</i> ”, K Yiannopoulos, K Vyrsoinos, E Kehayas, N Pleros, K Vlachos, H Avramopoulos, G Guekos, IEEE Phot. Technol. Lett., Vol. 15 (9), pp. 1294-1296 (2003), Citations: 36
	“ <i>A 320 Gb/s-throughput capable 2 2 silicon-plasmonic router architecture for optical interconnects, S. Papaioannou</i> ”, K. Vyrsoinos, O. Tsilipakos, A. Ptilakis, K. Hassan, J. C. Weeber, L. Markey, A. Dereux, S. I Bozhevolnyi, A. Miliou, E.E. Kriezis and N Pleros, IEEE J. Lightwav. Technol., Vol. 29 (21), 3185-3195 (2012), Citations: 28
	“ <i>10-Gb/s all-optical half-adder with interferometric SOA gates</i> ”, D Tsiokos, E Kehayas, K Vyrsoinos, T Houbavlis, L Stampoulidis, GT Kanellos, N Pleros, G Guekos, H Avramopoulos, IEEE Phot. Technol. Lett., Vol. 16 (1), pp. 284286 (2004), Citations: 47
	“ <i>A 60 GHz radio-over-fiber network architecture for seamless communication with high mobility</i> ”, N Pleros, K Vyrsoinos, K Tsagkaris, ND Tselikas, IEEE J. Lightwav. Technol., Vol. 27 (12), 1957-1967 (2009), Citations: 39