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Education

- Doctorate (PhD) in Fibre Optics at the Centre for Photonics and Photonic Materials (CPPM), Department of Physics, University of Bath, UK (03/2006).
- Master of Science (MSc) in Physics of Advanced Electronic Materials at the School of Physics, University of Bristol, UK (01/2002).
- Bachelor's Degree in Physics at the Physics Department, National and Kapodistrian University of Athens, Greece (04/2000).

Research & Teaching Appointments

11/2014 – Present: Postdoctoral Researcher, TPCI, NHRF, Athens, Greece.
08/2013 – 10/2014: Researcher/Product Manager, Organic Electronic Technologies P.C. (OET), Thessaloniki, Greece.
10/2012 – 03/2013: Postdoctoral Researcher, TPCI, NHRF, Athens, Greece.
11/2010 – 06/2012: Science Tutor, Athens, Greece.
10/2007 – 10/2010: Senior Research Scientist/Product Manager, DySIS Medical S.A. (former FORTH Photonics), Athens, Greece.
09/2002 – 05/2004: Graduate Teaching Assistant, Physics Department, Bath University, Bath, U.K.

Main Research Interests

- Fibre optics, in particular properties, applications and development of devices based on photonic crystal fibres and other micro- and nano-fibres and waveguides.
- Laser processing for thin film device fabrication.

- Spectral imaging, especially applied in the non-destructive investigation of artworks.

Research Projects

Participation in two large-scale EU FP7 research projects, two Greek (GSRT) and one British (EPSRC) research project.

Honours & Awards

- Full three-year EPSRC Project Studentship at Bath University, UK.
- Commendation Award for the MSc degree from the University of Bristol, UK.
- One-year EPSRC Fees Studentship Award for the MSc course at University of Bristol, UK.

Conferences

Participation in 13 international conferences. Exhibitor in 8 scientific and technological trade fairs.

Publications

4 peer-reviewed journal publications. 14 publications in conference proceedings.

Selected Publications

- C. Markos, G. Antonopoulos, and G. Kakarantzas. "Broadband guidance in a hollow-core photonic crystal fiber with polymer-filled cladding." [*IEEE Photonics Technology Letters* **25**\(20\) 2003 - 2006 \(2013\)](#)
- G. Antonopoulos, F. Benabid, T. A. Birks, D. M. Bird, J. C. Knight, and P. St. J. Russell. "Experimental demonstration of the frequency shift of bandgaps in photonic crystal fibers due to refractive index scaling." [*Optics Express* **14**\(7\) 3000-3006 \(2006\)](#)
- F. Benabid, G. Antonopoulos, J. C. Knight, and P. St. J. Russell. "Stokes amplification regimes in quasi-CW pumped hydrogen-filled hollow-core PCF" [*Physical Review Letters* **95**\(21\) 213903 \(2005\)](#)
- F. Benabid, J. C. Knight, G. Antonopoulos, and P. St. J. Russell. "Stimulated Raman scattering in hydrogen-filled hollow-core photonic crystal fiber" [*Science* **298**\(5592\) 399-402 \(2002\)](#)