

## Curriculum Vitae

### Personal data

Name: Dimitris Papazoglou

Work address: Department of Materials Science and Technology,  
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### Studies

- 1998 PhD, Physics Department, Aristotle University of Thessaloniki, Greece  
Title: *“A Study of the operational parameters of photorefractive materials in optical information processing systems”*
- 1995 MSc, Department of Electronic studies (Radio-Electronics), Physics Department, Aristotle University of Thessaloniki, Greece
- 1991 BSc, Physics Department, Aristotle University of Thessaloniki, Greece

### Professional and Research experience

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| 6/2010-presently   | Assistant Professor, Materials Science and Technology Department, University of Crete                     |
| 8/2005 - 6/2010  | Lecturer Materials Science and Technology Department, University of Crete.                                |
| 10/2003 to 8/2005  | Application Scientist, Institute of Electronic Structure and Laser, Foundation of Research and Technology |
| 3/2000 to 10/2003  | Associate Researcher, Institute of Electronic Structure and Laser, Foundation of Research and Technology  |
| Spring Semesters of academic years 2000-2001 until 2002-2003 | Visiting Assistant Professor of the Physics Department of University of Crete.                            |

## **Publications – Citations**

*Publications:* 42 publications in refereed international journals, 29 conference presentations

*Citations:* 304 citations , *h* factor 11 (4/2011)

## **Scientific interests**

1. Nonlinear interactions of ultra-short laser pulses with transparent media
2. Exotic optical waves and light bullets
3. Wavefront sensing and manipulation
4. Laser microfabrication (in bulk structuring of dielectrics, micro-mechanics, diffractive surface structures).
5. Dynamic holography, photorefractive materials

## **Invited lectures – Seminars**

1. *“Using optical aberrations to generate tunable intense Airy beams and tailored filaments”*, invited talk in the international Symposium COFIL 2010, May 31-June 5, 2010, Agia Pelagia, Greece
2. *“Dynamics of ultrafast laser induced modifications in fused silica. From electronic excitation to permanent structures”*, invited talk in the 7<sup>th</sup> symposium "SiO<sub>2</sub> , advanced dielectrics and related devices", June 30th to July 2nd, 2008, Saint-Etienne, France
3. *“Micro-filamentation induced permanent structural modifications in fused silica with intense sub-picosecond ultraviolet laser pulses”* invited talk in the international Symposium LPM 2007, 24-28 April 2007, University of Vienna, Vienna, Austria
4. *“Ultra fast UV lasers in novel materials micro-printing applications”* invited talk in the international conference Applications of Femtosecond Lasers In Materials Science (FemtoMat 2004), Bad Kleinkirchheim, Carinthia, 25-28 Feb 2004.
5. *«Ultra-short laser materials processing and visualization»* invited talk, Physics Department, University Milano Bicocca, Italy, 29 May 2003
6. Invited lecturer in the 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> international “Summer School in Visual Optics”, held respectively in Santorini (5-10 July 2003), Olympia (27-30 June 2004), Heraklion (20 June- 1 July 2005), Rethymnon (July 1-6 2006) and Heraklion (26 June -1 July) Greece. Lectures in Geometrical and Wave optics

## Distinctions

- 1 Referee in the international journals: Applied Physics Letters, Applied Physics A, Optics Communications, Optical Engineering, Journal of Crystal Growth, Journal of Non Crystalline Solids, Journal of Optics A

## Conference organization

- 1 Member of the scientific committee of the Bragg Gratings, Photosensitivity and Poling in Glass Waveguides (BGPP) 21-24 June 2010, Karlsruhe, Germany
- 2 Chair in Session, "Short Presentations for Poster Session", international congress LAMP 2009, June 29 July 2, 2009, Kobe, Japan
- 3 Chair in Session 1-5 (Applications of Femtosecond Lasers in Materials Science), international Symposium LPM 2007, 24-28 April 2007, University of Vienna, Vienna, Austria.
- 4 Chair in Session 8 (Nanostructuring II) in the international conference Applications of Femtosecond Lasers In Materials Science (FemptoMat 2004), Bad Kleinkirchheim, Carinthia, 25-28 Feb 2004.
- 5 Member of the local steering committee of the international conference on Laser Ablation (COLA), which will take place in Hersonissos Crete, Greece, during 5-10 October 2003.
- 6 Co-chair in Session 2 of Symposium 3 of the international Conference Laser Advance Materials Processing (LAMP2002), Osaka, Japan, 27 - 21 May2002

## Conferences

1. **D. G. Papazoglou**, S. Suntsov, D. Abdollahpour, and S. Tzortzakis, "*Using optical aberrations to generate tunable intense Airy beams and tailored filaments*", invited talk in the international Symposium COFIL 2010, May 31-June 5, 2010, Agia Pelagia, Greece
2. **D. G. Papazoglou**, D. Abdollahpour, S. Tzortzakis, "*New insights on the formation of nanogratings in the bulk of fused silica*", oral talk in the international congress LAMP 2009, June 29 July 2, 2009, Kobe, Japan
3. **D. G. Papazoglou**, D. Abdollahpour, S. Georgiou, S. Tzortzakis, "*Ultrafast plasma excitation and trapping in fs laser processing of PMMA*", oral talk in the international congress LAMP 2009, June 29 July 2, 2009, Kobe, Japan
4. **D. G. Papazoglou**, S. Tzortzakis, "*Dynamics of ultrafast laser induced modifications in fused silica. From electronic excitation to permanent structures*", invited talk in the 7<sup>th</sup> symposium "SiO<sub>2</sub> , advanced dielectrics and related devices", June 30th to July 2nd, 2008, Saint-Etienne, France
5. **D. G. Papazoglou**, S. Tzortzakis, "*Material dynamics from laser pulse filamentation to permanent structural modifications in fused silica*", oral talk, CLEO-QELS 08, May 4-9, 2008, San Jose, USA
6. **D. G. Papazoglou**, S. Tzortzakis, "*Micro-filamentation induced permanent structural modifications in fused silica with intense sub-picosecond ultraviolet laser pulses*" invited talk in the international Symposium LPM 2007, 24-28 April 2007, University of Vienna, Vienna, Austria

7. C. Fotakis, V. Zorba, E. Stratakis, A. Athanassiou, P. Tzanetakakis, I. Zergioti, **D. G. Papazoglou**, K. Sambani, G. Filippidis, M. Farsari, V. Pouli, G. Bounos, S. Georgiou, “*Novel Aspects of Materials Processing by Ultrafast Lasers: From Electronic to Biological and Cultural Heritage Applications*”, Journal of Physics: Conference series 59, 266 (2007).
8. A. Stassinopoulos, E. D. Tsagarakis, Rabindra N. Das, S. H. Anastasiadis, E. P. Giannelis, Dimitris G. Papazoglou, D. Anglos, “*Random Laser Action in ZnO Nanohybrids*”, oral presentation, 3<sup>rd</sup> international conference on Micro-Nanoelectronics, Nanotechnology & MEMs, Athens, Greece 18 – 21 November 2007
9. A. Stassinopoulos, S. H. Anastasiadis, **D. G. Papazoglou**, D. Anglos, D. Tsagarakis, R. N. Das, E. P. Giannelis, “*Random Laser Emission from ZnO Nanocomposite Hybrids*”, 2008 APS March Meeting, March 10–14, 2008; New Orleans, Louisiana
10. I. Zergioti, **D. G. Papazoglou**, A.G. Kontos, Y.S. Raptis, S. Tzortzakakis, “*Optical characterization of the structural changes induced in fused silica by ultraviolet femtosecond laser filaments*”, oral talk in Symposium P, E-MRS 2007 Spring Meeting, May 28<sup>th</sup> to June 1<sup>st</sup> 2007, Strasbourg, France.
11. **D.G. Papazoglou**, I. Zergioti, S. Tzortzakakis, “*Micro-filamentation induced permanent structural modifications in fused silica with intense sub-picosecond ultraviolet laser pulses*”, invited talk in the international Symposium LPM 2007, 24-28 April 2007, University of Vienna, Vienna, Austria
12. S. Tzortzakakis, **D.G. Papazoglou**, and I. Zergioti, “*Self-trapped ultraviolet fs laser filaments in fused silica leading to permanent structural modifications: the role of the plasma strings*”, invited talk in the international conference LPHYS 2006, Lausanne, Switzerland 24-28 July 2006
13. Zergioti, K. Kyrkis, **D. G. Papazoglou**, S. Tzortzakakis, “*Ultraviolet fs laser pulse filamentation in fused silica: the role of the plasma strings in the creation of permanent structural modifications*”, invited talk in the symposium H, E-MRS IUMRS ICEM 2006 Spring Meeting, Nice, France - May 29 – June 2, 2006
14. G. Bounos, E. Rebollar, **D.G. Papazoglou**, M. Castillejo and S. Georgiou, “*Unique chemical features in the uv femtosecond ablation of polymers*” oral presentation in the symposium H, E-MRS IUMRS ICEM 2006 Spring Meeting, Nice, France - May 29 – June 2, 2006
15. V. Zorba, I. Zergioti, **D. G. Papazoglou**, C. Fotakis and N. Boukos “*The effect of laser pulse duration on the structure and morphology of laser-fabricated Si cones*”, poster presentation in the symposium H, E-MRS IUMRS ICEM 2006 Spring Meeting, Nice, France - May 29 – June 2, 2006
16. “Self-guided propagation of intense sub-picosecond ultraviolet laser pulses in fused silica with applications in photonic devices”, **D. G. Papazoglou**, S. Tzortzakakis, I. Zergioti, oral talk in the international conference ICONOLAT 2005, section “Laser-Assisted Micro- and Nanotechnologies”. St. Petersburg 11-15 May 2005.
17. “*Interferometric techniques for measuring the surface topography using white light during LIBS elemental profiling of multi-layer structures*”, **D. G. Papazoglou**, V. Papadakis, D. Anglos, oral talk in the Hellenic conference Laser Olympics, Athens, Greece, 15- 18 October 2004.
18. “Ultra fast UV lasers in novel materials micro-printing applications”, **D. G. Papazoglou**, invited talk in the international conference Applications of Femtosecond Lasers In Materials Science (FemtoMat 2004), Bad Kleinkirchheim, Carinthia, 25-28 Feb 2004.
19. “*Optical studies of the early stages of Cr ultrafast laser transfer*”, K. Giannakoudaki, **D. G. Papazoglou**, I. Zergioti, C. Fotakis, poster in the international Conference On Laser Ablation '03 (COLA'03), Hersonissos, Crete, Greece, 5 – 10 October 2003
20. “*On-line interferometric depth monitoring in LIBS elemental profiling of multi-layer structures*”, **D. G. Papazoglou**, V. Papadakis, D. Anglos, oral talk in the international conference EMSLIBS-II, Hersonissos, Crete, Greece, 30 September – 3 October 2003

21. "Novel Aspects of materials microprinting applications by ultrafast lasers", C. Fotakis, I. Zergioti, **D. G. Papazoglou**, K. Giannakoudaki., oral talk in the international conference LPM2003, Munich, Germany, 21 - 24 June 2003.
22. "Ultrafast laser materials processing", I. Zergioti, D. G. Papazoglou, C. Fotakis, oral talk, MRS Spring Meeting, Symposium Y, San Francisco. 19 –25 April 2003
23. "Subpicosecond Laser Micropatterning for X-Ray Optics", A. Manousaki, **D. G. Papazoglou**, I. Zergioti, R. Senderak, Y. Chushkin, M. Jergel, E. Majkova, S. Luby, C. Fotakis, oral presentation in the international conference ICTF 12, Bratislava, Slovak, 15-20 September 2002.
24. "Shadowgraphic imaging of the sub-ps laser induced forward transfer process", I. Zergioti, **D.G. Papazoglou**, A. Karaiskou, C. Fotakis, , oral presentation in the international conference E-MRS Spring Meeting, Strasburg, France, 18 –21 June 2002
25. «Ultrafast Laser Microstructuring for X-Ray Optics», **D. G. Papazoglou**, A. Manousaki, I. Zergioti, E. Majkova, S. Luby, C. Fotakis, oral presentation in the international conference LAMP2002, Osaka, Japan, 27 - 21 May 2002
26. "Time resolved imaging studies of the Laser microprinting", I. Zergioti, **D. Papazoglou**, A. Karaiskou, C. Fotakis, poster presentation Gordon Research Conference 2002 meeting on Laser Interactions with Materials, 21-26 July, Proctor Academy, Andover NH.
27. "Laser fabrication of metallic microstructures", I. Zergioti, **D. Papazoglou**, A. Karaiskou, C. Fotakis., 1<sup>st</sup> Hellenic conference of metallic materials, Volos 29-30 November 2001.
28. "Measurement of the electro-optic coefficient of  $Bi_{12}GeO_{20}$  (BGO),  $Bi_{12}TiO_{20}$  (BTO) crystals", **D. G. Papazoglou**, A. G. Apostolidis, E. D. Vanidhis, poster presentation in the international conference E-MRS Spring Meeting, Strasburg, France, 4-7 June 1996
29. "Efficiency of photorefractive diffraction in electro-optic and optically active sillenite crystals", A. G. Apostolidis, E. D. Vanidhis, **D. G. Papazoglou**, poster presentation in the international conference E-MRS Spring Meeting, Strasburg, France, 4-7 June 1996

## Publications in refereed journals

1. G. Stegeman, **D. G. Papazoglou**, R. Boyd and S. Tzortzakis, "Nonlinear birefringence due to non-resonant, higher-order Kerr effect in isotropic media.", Opt. Express **19**, 6387 (2011).
2. P. Panagiotopoulos, N.K. Efremidis, **D.G. Papazoglou**, A. Couairon, and S. Tzortzakis, "Tailoring the filamentation of intense femtosecond laser pulses with periodic lattices" Phys. Rev. A **82**, 061803(R) (2010)
3. D. Abdollahpour, S. Suntsov, **D. G. Papazoglou** and S. Tzortzakis, "Spatiotemporal Airy Light Bullets in the Linear and Nonlinear Regimes", Phys. Rev. Lett. **105**, 253901 (2010)
4. **D. G. Papazoglou**, S. Suntsov, D. Abdollahpour, and S. Tzortzakis, "Tunable intense Airy beams and tailored femtosecond laser filaments", Physical Review A, **81**, 061807(R) (2010)
5. S. Suntsov, D. Abdollahpour, **D. G. Papazoglou**, and S. Tzortzakis, "Filamentation-induced third-harmonic generation in air via plasma-enhanced third-order susceptibility," Physical Review A **81**, 033817 (2010).
6. S. Suntsov, D. Abdollahpour, **D.G. Papazoglou** and S. Tzortzakis "Femtosecond laser induced plasma diffraction gratings in air as photonic devices for high intensity laser applications", Appl. Phys. Lett. **94**, 251104 (2009)
7. D. Abdollahpour, P. Panagiotopoulos, M. Turconi, O. Jedrkiewicz, D. Faccio, P. Di Trapani, A. Couairon, **D. G. Papazoglou**, and S. Tzortzakis, "Long spatio-temporally stationary filaments in

- air using short pulse UV laser Bessel beams*”, Opt. Express **17**, 5052-5057 (2009)
8. S. Suntsov, D. Abdollahpour, **D. G. Papazoglou**, and S. Tzortzakis, “*Efficient third-harmonic generation through tailored IR femtosecond laser pulse filamentation in air*”, Opt. Express **17**, 3190-3195 (2009)
  9. Drozd V.E., Nikiforova I.O., Bogevolnov V.B., Yafyasov A.M., Filatova E.O., **Papazoglou D.** “*ALD synthesis of SnSe layers and nanostructures*”, J. Phys. D-Appl. Phys. **42**, 125306 (2009)
  10. D. Faccio, M. Clerici, A. Averchi, A. Lotti, O. Jedrkiewicz, A. Dubietis, G. Tamosauskas, A. Couairon, F. Bragheri, **D. G. Papazoglou**, S. Tzortzakis, P. Di Trapani, “*Few-cycle laser-pulse collapse in Kerr media: The role of group-velocity dispersion and X-wave formation*”, Phys. Rev. A **78**, 033826 (2008).
  11. **D. G. Papazoglou**, and S. Tzortzakis, “*In-line holography for the characterization of ultrafast laser filamentation in transparent media*”, Appl. Phys. Lett. **93**, 041120 (2008)
  12. A. Camposeo, L. Persano, P. Del Carro, **D. G. Papazoglou**, A. Stassinopoulos, D. Anglos, R. Cingolani, and D. Pisignano, “*Longitudinal coherence of organic-based microcavity lasers*”, Opt. Express **16**, 10384-10389 (2008)
  13. D. Faccio, M. Clerici, A. Averchi, O. Jedrkiewicz, S. Tzortzakis, **D. G. Papazoglou**, F. Bragheri, L. Tartara, A. Trita, S. Henin, I. Cristiani, A. Couairon, and P. Di Trapani, “*Kerr-induced spontaneous Bessel beam formation in the regime of strong two-photon absorption*”, Opt. Express **16**, 8213-8218 (2008)
  14. D. Faccio, A. Averchi, A. Lotti, P. Di Trapani, A. Couairon, **D. G. Papazoglou**, and S. Tzortzakis, “*Ultrashort Laser Pulse Filamentation and X Wave Formation in Air*”, Opt. Express **16**, 1565-1570 (2008)
  15. **D. G. Papazoglou**, I. Zergioti , S. Tzortzakis, “*Plasma strings from ultraviolet laser filaments drive permanent structural modifications in fused silica*”, Opt. Lett. **32** (14): 2055 (2007).
  16. I. Zergioti, K. D. Kyrkis, **D. G. Papazoglou**, S. Tzortzakis, “*Structural modifications in fused silica induced by ultraviolet fs laser filaments*” Appl. Surf. Sci. **253** (19): 7865 (2007)
  17. V. Zorba, E. Stratakis, E. Spanakis, **D.G. Papazoglou**, I. Zergioti, P.Tzanetakakis and C.Fotakis, “*Field Emission properties of arrayed and continuous areas of laser fabricated Silicon microstructures*”, Journal of Nanoengineering and Nanosystems, **220**, 143-150 (2007).
  18. V. M. Papadakis, A. Stassinopoulos, D. Anglos, S. H. Anastasiadis, E. P. Giannelis and **D. G. Papazoglou**, “*Single shot temporal coherence measurements of random lasing media*”, J. Opt. Soc. Am. B **24**, 31 (2007)
  19. Florakis A, Tsoukalas D, Zergioti I, Giannakopoulos K, Dimitrakis P, **Papazoglou DG**, Bennassayag G, Bourdon H, Halimaoui A, “*Laser annealing of plasma implanted boron for ultra-shallow junctions in Silicon*», Nuc. Instr. Meth. In phys. Res. Sec. B - beam inter. Mat. At. **253**, 13 (2006)
  20. E. Skantzakis, V. Zorba, **D. G. Papazoglou**, I. Zergioti, C. Fotakis, “*Ultraviolet laser microstructuring of silicon and the effect of laser pulse duration on the surface morphology*”, Appl. Surf. Sci., **252**, 4462 (2006)

21. **D. G. Papazoglou**, M. Loulakis, “*Embedded birefringent computer generated holograms fabricated by femtosecond laser pulses*”, Opt. Lett., **31**, 1441 (2006).
22. S. Tzortzakis, **D. G. Papazoglou**, I. Zergioti, “*Long-range filamentary propagation of sub-picosecond ultraviolet laser pulses in fused silica*”, Opt. Lett., **31**, 796 (2006).
23. V. Zorba, P. Tzanetakos, C. Fotakis, E. Stratakis, E. Spanakis, **D. G. Papazoglou**, I. Zergioti, “*Silicon electron emitters fabricated by UV laser pulses*”, Appl. Phys. Lett., **88**, 081103 (2006).
24. I. Zergioti, A. Karaiskou, **D. G. Papazoglou**, C. Fotakis, E. Kapsetaki, D. Kafetzopoulos, “*Time resolved schlieren study of sub-picosecond and nanosecond laser transfer of biomaterials*”, Appl. Surf. Sci. **247**, 584 (2005)
25. **D. G. Papazoglou**, I. Zergioti, S. Tzortzakis, G. Sgouros, G. Maravelias, S. Christopoulos, C. Fotakis, “*Sub-picosecond ultraviolet laser filamentation-induced bulk modifications in fused silica*”, Appl. Phys. A **81**, 241 (2005).
26. I. Zergioti, A. Karaiskou, **D. G. Papazoglou**, E. Kapsetaki, C. Fotakis, D. Kafetzopoulos, “*Lasers Print Biomaterials*”, Appl. Phys. Lett. **86**, 163902 (2005)
27. **D. G. Papazoglou**, V. Papadakis, D. Anglos, “*In situ interferometric depth and topography monitoring during LIBS elemental profiling of multi-layer structures*”, J. Anal. At. Spectrom., **19**, 483 (2004)
28. N. C. Deliolanis, A. G. Apostolidis, E. D. Vanidhis, **D. G. Papazoglou** “*Optical Properties of photorefractive phase gratings in sillenite crystals*”, Phys. Rev. E, **68**, 056602 (2003)
29. I. Zergioti, **D. G. Papazoglou**, A. Karaiskou, C. Fotakis, E. Gamaly, A. Rode, “*A comparative schlieren imaging study between ns and sub-ps laser forward transfer of Cr*”, Appl. Surf. Sci. **208-209**, 177 (2003)
30. E. Majkova, S. Luby, R. Senderak, Y. Chushkin, M. Jergel, I. Zergioti, **D. G. Papazoglou**, A. Manousaki, C. Fotakis, “*Sub-ps laser microstructuring of soft X-Ray Mo/Si multilayer gratings*”, Appl. Phys. A **76**, 763 (2003)
31. **D. G. Papazoglou**, A. Karaiskou, I. Zergioti, C. Fotakis, “*Shadowgraphic imaging of the sub-ps Laser Induced Forward Transfer process*”, Appl. Phys. Lett., **81**, 1594 (2002)
32. **D. G. Papazoglou**, I. Zergioti, N. A. Vainos, C. Fotakis, “*Microfabrication of optically active InOx microstructures by ultrashort laser pulses*”, J. Opt. Adv. Mat. **4**, 809 (2002)
33. N. C. Deliolanis, A. G. Apostolidis, E. D. Vanidhis, **D. G. Papazoglou**, «*Photorefractive properties of  $(\bar{1}\bar{1}0)$  and (111)-cut sillenite crystals when external electric field is applied along optimum diffraction efficiency direction*», Appl. Phys. B, **75**, 67 (2002)
34. **D. G. Papazoglou**, M. Loulakis, G. Siganakis, N. A. Vainos, «*Holographic read-write projector of video images*”, Optics. Express, **10**, 280 (2002)
35. I. Zergioti, **D. G. Papazoglou**, A. Karaiskou, N. A. Vainos, C. Fotakis, “*Laser microprinting of InOx active optical structures and time resolved imaging of the transfer process*”, Appl. Surf. Sci., 8125 (2002)
36. V. Marinova, M. Veleva, D. Petrova, I. M. Kourmoulis, **D. G. Papazoglou**, A. G. Apostolidis, E. D. Vanidhis, N. C. Deliolanis “*Optical properties of  $Bi_{12}SiO_{20}$  single crystals doped with 4d and 5d transition elements*”, J. App. Phys, **89**, 2686 (2001).

37. G. Koundourakis, C. Rockstuhl, **D. G. Papazoglou**, A. Klini, I. Zergioti, N. A. Vainos and C. Fotakis, "*Laser printing of active optical microstructures*", Appl. Phys. Lett. **78**, 7, pp. 868-870, (2001)
38. **D. G. Papazoglou**, N. C. Deliolanis, A. G. Apostolidis and E. D. Vanidhis, "*Photorefractive Optical Properties of Volume Phase Gratings Induced in Sillenite Crystals, when the Grating Vector Lies on the (111) Plane*", Appl. Phys. B **71**, 841 (2000).
39. **D. G. Papazoglou**, A. G. Apostolidis, E. D. Vanidhis, "*Diffraction Efficiency as a function of the Grating Vector orientation in Electro-optic and Optically Active Photorefractive Crystals*", Ferroelectrics **205**, 87 (1998).
40. **D. G. Papazoglou**, A. G. Apostolidis, E. D. Vanidhis, "*Index of refraction, optical activity and electro-optic coefficient of bismuth titanium oxide  $Bi_{12}TiO_{20}$* ", Apl. Phys. B **65**, 499 (1997)
41. **D. G. Papazoglou**, A. G. Apostolidis, E. D. Vanidhis, "*Measurement of the electro-optic coefficient of  $Bi_{12}GeO_{20}$  (BGO),  $Bi_{12}TiO_{20}$  (BTO) crystals*", Synthetic Metals **83**, 281 (1996)
42. A. G. Apostolidis, E. D. Vanidhis, **D. G. Papazoglou**, "*Efficiency of photorefractive diffraction in electro-optic and optically active sillenite crystals*", Synthetic Metals **83**, 287 (1996)

### **Book Chapters**

1. "Excimer Laser Technology", D. Basting, G. Marowsky (Editors) , Springer, Chapter title: "Physical aspects of ultrafast UV Laser Transfer", **D. G. Papazoglou**, I. Zergioti, C. Fotakis (2005)
2. "Recent Advances In Laser Processing Of Materials", J. Perriere, E. Millon, E. Fogarassy (Editors), Elsevier, Chapter title: "Direct Transfer and Microprinting of Functional Materials by Laser Induced Forward Transfer Process", K. D. Kyrkis, A.A. Andreadaki, **D.G. Papazoglou** and I. Zergioti (2006)