

## PERSONAL INFORMATION



## Maria Farsari

 IESL-FORTH, N. Plastira 100, 70013, Heraklion, Greece

 +30 2810391342  +30 6942676935

 [mfarsari@iesl.forth.gr](mailto:mfarsari@iesl.forth.gr)

 <http://www.iesl.forth.gr/users/farsari/>

Sex Female | Date of birth 29/08/1969 | Nationality Greek

Dr. Maria Farsari is a Research Director at IESL-FORTH, where she joined at 2003. Her main research interests are multi-photon lithography, laser-based fabrication of 2D and 3D micro and nano structures and materials processing using ultrafast lasers. She is the author of 80 peer-reviewed publications, and she has given more than 50 invited talks at international conferences. Her *h*-index is 35 (Google Scholar).

Dr. Farsari received her undergraduate degree in 1992 from the Physics Department, University of Crete and her PhD in 1997 from the Physics Department, University of Durham, UK, where she was a Marie Curie fellow during the period 1992-1994. The subject of her PhD was organic nonlinear optics. After graduating, she worked as a postdoctoral research fellow at the Universities of Durham and Sussex and as a Senior Optical Scientist for the security company DeLaRue Holographics. She was a founding member of the Dublin company Xsil Ltd

## WORK EXPERIENCE

2003-Present	Institute of Electronic Structure and Laser, Foundation for Research and Technology-Hellas.
2000- 2003	Advanced Product Development Engineer, Xsil Ltd., Dublin, Ireland
1999-2000	Senior Optical Scientist, DeLaRue Holographics, UK
1997-1999	Postdoctoral Research Fellow, School of Engineering, University of Sussex, UK
1996-1997	Postdoctoral Research Assistant, Department of Physics, University of Durham, UK
1992-1994	Marie Curie Fellow, Department of Physics, University of Durham, UK

## EDUCATION AND TRAINING

1992-1996	PhD, Faculty of Science, University of Durham, UK
1987-1992	Undergraduate, Department of Physics, University of Crete, Greece

## PRIZES AND OTHER ACTIVITIES

2015: Visiting Professorship, Chinese Academy of Sciences, Changchun (2014, postponed indefinitely due to pregnancy)

April 2010: Second runner up prize at the SPIE Innovation Village. The prize was highlighted in Nature Photonics.

Member of editorial board of "Micromachines". Editor of Special Issue on "**Laser Micro- and Nano-Processing**"

Associate Editor for **Optical Materials Express**, **Scientific Reports**, and **Micromachines**

## PUBLICATIONS

1. Camposeo A, Persano L, Farsari M, Pisignano D. Additive Manufacturing: Applications and Directions in Photonics and Optoelectronics. *Advanced Optical Materials*. 2019;7(1):1800419.
2. Tasior M, Hassanein K, Mazur LM, Sakellari I, Gray D, Farsari M, et al. The role of intramolecular charge transfer and symmetry breaking in the photophysics of pyrrolo [3, 2-b] pyrrole-dione. *Physical Chemistry Chemical Physics*. 2018;20(34):22260-71.
3. Spanos I, Selimis A, Farsari M. 3D magnetic microstructures. *Procedia CIRP*. 2018;74:349-52.
4. Sokolovskii GS, Melissinaki V, Fedorova KA, Dudelev VV, Losev SN, Bougrov VE, et al. 3D laser nano-printing on fibre paves the way for super-focusing of multimode laser radiation. *Scientific reports*. 2018;8(1):14618.
5. Seniutinas G, Weber A, Padeste C, Sakellari I, Farsari M, David C. Beyond 100 nm resolution in 3D laser lithography—Post processing solutions. *Microelectronic Engineering*. 2018;191:25-31.
6. Parkatzidis K, Kabouraki E, Selimis A, Kaliva M, Ranella A, Farsari M, et al. Initiator-Free, Multiphoton Polymerization of Gelatin Methacrylamide. *Macromolecular Materials and Engineering*. 2018;303(12):1800458.
7. Manousidaki M, Fedorov VY, Papazoglou DG, Farsari M, Tzortzakis S. Ring-Airy beams at the wavelength limit. *Optics letters*. 2018;43(5):1063-6.
8. Choi J, Koo S, Sakellari I, Kim H, Su Z, Carter KR, et al. Guided Assembly of Block Copolymers in Three-Dimensional Woodpile Scaffolds. *ACS applied materials & interfaces*. 2018;10(49):42933-40.
9. Giakoumaki AN, Kenanakis G, Klini A, Androulidaki M, Viskadourakis Z, Farsari M, et al. 3D patterning of ZnO nanostructures. *Materials Today*. 2017;20(7):392-3.
10. Giakoumaki AN, Kenanakis G, Klini A, Androulidaki M, Viskadourakis Z, Farsari M\*, et al. 3D micro-structured arrays of ZnO nanorods. *Scientific Reports*. 2017;7(1):2100.
11. Sakellari I, Yin X, Nesterov ML, Terzaki K, Xomalis A, Farsari M\*. 3D Chiral Plasmonic Metamaterials Fabricated by Direct Laser Writing: The Twisted Omega Particle. *Advanced Optical Materials*. 2017: DOI: 10.1002/adom.201700200.
12. M. ChatziniKolaidou\*, C. Pontikoglou, K. Terzaki, M. Kaliva, A. Kalyva, E. Papadaki, M. Vamvakaki, M. Farsari, Recombinant human bone morphogenetic protein 2 (rhBMP-2) immobilized on laser-fabricated 3D scaffolds enhance osteogenesis, *Colloids and Surfaces B: Biointerfaces* 149 (2017) 233-242.
13. V. Melissinaki, I. Konidakis, M. Farsari, S. Pissadakis\*, Fiber Endface Fabry–Perot Microsensor With Distinct Response to Vapors of Different Chlorinated Organic Solvents, *IEEE Sensors Journal* 16(19) (2016) 7094-7100.
14. M. Manousidaki, D.G. Papazoglou, M. Farsari, S. Tzortzakis\*, Abruptly autofocusing beams enable advanced multiscale photo-polymerization, *Optica* 3(5) (2016) 525-530.
15. A.I. Aristov, M. Manousidaki, A. Danilov, K. Terzaki, C. Fotakis, M. Farsari, A.V. Kabashin\*, 3D plasmonic crystal metamaterials for ultra-sensitive biosensing, *Scientific Reports* 6 (2016) 25380.
16. R. Nazir, B Thorsted, E. Balčiūnas, L. Mazur, I. Deperasińska, M. Samoć, J. Brewer, M. Farsari, D.T. Gryko\*, π-Expanded 1, 3-diketones—synthesis, optical properties and application in two-photon polymerization. *J.Mater.Chem.C*, 4 (2016) 167-177
17. M. Palma, J.G. Hardy, G Tadayyon, M. Farsari, S.J. Wind, M.J. Biggs\*, Advances in functional assemblies for regenerative medicine, *Adv.Health.Mater.* 4 (2015) 2500-2519
18. A. Selimis, V. Mironov, M. Farsari\*, Direct laser writing: Principles and materials for scaffold 3D printing, *Microelectronic Engineering*, 132 (2015) 83-89.
19. R. Nazir, F. Bourquard, E. Balčiūnas, S. Smoleń, D. Gray, N.V. Tkachenko, M. Farsari, D.T. Gryko\*, π-Expanded α,β-Unsaturated Ketones: Synthesis, Optical Properties, and Two-Photon-Induced Polymerization, *ChemPhysChem*, (2015) 10.1002/cphc.201402646.
20. R. Nazir, E. Balčiūnas, D. Buczyńska, F. Bourquard, D. Kowalska, D. Gray, S. Maćkowski, M. Farsari, D.T. Gryko\*, Donor–Acceptor Type Thioxanthenes: Synthesis, Optical Properties, and Two-Photon Induced Polymerization, *Macromolecules*, 48 (2015) 2466-2472.
21. V. Melissinaki, M. Farsari, S. Pissadakis\*, A Fiber-Endface, Fabry-Perot Vapor Microsensor Fabricated by Multiphoton Polymerization, *IEEE Journal of Selected Topics in Quantum Electronics*, 21 (2015) 5600110.

22. G. Kenanakis\*, A. Xomalis, A. Selimis, M. Vamvakaki, M. Farsari, M. Kafesaki, C.M. Soukoulis, E.N. Economou, A three-dimensional infra-red metamaterial with asymmetric transmission, *ACS Photonics*, 2 (2015) 287–294.
23. P. Danilevicius, R.A. Rezende, F. Pereira, A. Selimis, V. Kasyanov, P.Y. Noritomi, J.V.L. da Silva, M. Chatzinikolaïdou, M. Farsari\*, V. Mironov\*, Burr-like, laser-made 3D microscallops for tissue spheroid encagement, *Biointerphases*, 10 (2015) 021011.
24. P. Danilevicius, L. Georgiadi, C.J. Pateman, F. Claeysens, M. Chatzinikolaïdou, M. Farsari\*, The effect of porosity on cell ingrowth into accurately defined, laser-made, polylactide-based 3D scaffolds, *Applied Surface Science*, 336 (2015) 2-10.
25. M. Chatzinikolaïdou\*, S. Rekstyte, P. Danilevicius, C. Pontikoglou, H. Papadaki, M. Farsari, M. Vamvakaki, Adhesion and growth of human bone marrow mesenchymal stem cells on precise-geometry 3D organic–inorganic composite scaffolds for bone repair, *Materials Science and Engineering: C*, 48 (2015) 301-309.
26. A. Zukauskas, V. Melissinaki, D. Kaskelyte, M. Farsari, M. Malinauskas\*, Improvement of the Fabrication Accuracy of Fiber Tip Microoptical Components via Mode Field Expansion, *J.Las.MicroNanoeng.*, 9 (2014) 10.2961/jlmn.2014.2901.0014.
27. R. Nazir, P. Danilevicius, A.I. Ciucu, M. Chatzinikolaïdou, D. Gray, L. Flamigni, M. Farsari, D.T. Gryko\*,  $\pi$ -Expanded Ketocoumarins as Efficient, Biocompatible Initiators for Two-Photon-Induced Polymerization, *Chem.Mater.*, 26 (2014) 3175-3184.
28. S. Galanopoulos, N. Chatzidai, V. Melissinaki, A. Selimis, C. Schizas, M. Farsari\*, D. Karalekas\*, Design, Fabrication and Computational Characterization of a 3D Micro-Valve Built by Multi-Photon Polymerization, *Micromachines*, 5 (2014) doi:10.3390/mi5030505.
29. K. Terzaki, M. Kissamitaki, A. Skarmoutsou, C. Fotakis, C.A. Charitidis, M. Farsari, M. Vamvakaki, M. Chatzinikolaïdou\*, Pre-osteoblastic cell response on three-dimensional, organic-inorganic hybrid material scaffolds for bone tissue engineering, *Journal of Biomedical Materials Research Part A*, 101A (2013) 2283-2294.
30. K. Terzaki, E. Kalloudi, E. Mossou, E.P. Mitchell, V.T. Forsyth, E. Rosseeva, P. Simon, M. Vamvakaki, M. Chatzinikolaïdou\*, A. Mitraki\*, M. Farsari\*, Mineralized self-assembled peptides on 3D laser-made scaffolds: a new route toward 'scaffold on scaffold' hard tissue engineering, *Biofabrication*, 5 (2013) 045002.
31. A. Skarmoutsou, G. Lolas, C.A. Charitidis\*, M. Chatzinikolaïdou, M. Vamvakaki, M. Farsari, Nanomechanical properties of hybrid coatings for bone tissue engineering, *Journal of the Mechanical Behavior of Biomedical Materials*, 25 (2013) 48-62.
32. R. Nazir, P. Danilevicius, D. Gray, M. Farsari, D.T. Gryko\*, Push-pull acylo-phosphine oxides for two-photon-induced polymerization, *Macromolecules*, 46 (2013) 7239-7244.
33. M. Malinauskas, M. Farsari\*, A. Piskarskas, S. Juodkakis, Ultrafast laser nanostructuring of photopolymers: A decade of advances, *Physics Reports*, 533 (2013) 1-31.
34. E. Kabouraki, A.N. Giakoumaki, P. Danilevicius, D. Gray, M. Vamvakaki, M. Farsari\*, Redox Multiphoton Polymerization for 3D Nanofabrication, *Nano Letters*, 13 (2013) 3831-3835.
35. N. Vasilantonakis, K. Terzaki, I. Sakellari, V. Purlys, D. Gray, C.M. Soukoulis, M. Vamvakaki, M. Kafesaki, M. Farsari\*, Three-Dimensional Metallic Photonic Crystals with Optical Bandgaps, *Advanced Materials*, 24 (2012) 1101-1105.
36. I. Sakellari, E. Kabouraki, D. Gray, V. Purlys, C. Fotakis, A. Pikulin, N. Bityurin, M. Vamvakaki, M. Farsari\*, Diffusion-Assisted High-Resolution Direct Femtosecond Laser Writing, *ACS Nano*, 6 (2012) 2302-2311.
37. M. Oubaha\*, A. Kavanagh, A. Gorin, G. Bickauskaite, R. Byrne, M. Farsari, R. Winfield, D. Diamond, C. McDonagh, R. Copperwhite, Graphene-doped photo-patternable ionogels: tuning of conductivity and mechanical stability of 3D microstructures, *Journal of Materials Chemistry*, 22 (2012) 10552-10559.
38. B. Mills\*, D. Kundys, M. Farsari, S. Mailis, R.W. Eason, Single-pulse multiphoton fabrication of high aspect ratio structures with sub-micron features using vortex beams, *Applied Physics A*, 108 (2012) 651-655.
39. M. Malinauskas\*, A. Zukauskas, V. Purlys, A. Gaidukeviciute, Z. Balevicius, A. Piskarskas, C. Fotakis, S. Pissadakis, D. Gray, R. Gadonas, M. Vamvakaki, M. Farsari, 3D microoptical elements formed in a photostructurable germanium silicate by direct laser writing, *Optics and Lasers in Engineering*, 50 (2012) 1785-1788.
40. S. Turunen, E. Kapyla\*, K. Terzaki, J. Viitanen, C. Fotakis, M. Kellomaki, M. Farsari, Pico- and

- femtosecond laser-induced crosslinking of protein microstructures: evaluation of processability and bioactivity, *Biofabrication*, 3 (2011) 045002.
41. K. Terzaki, N. Vasilantonakis, A. Gaidukeviciute, C. Reinhardt, C. Fotakis, M. Vamvakaki, M. Farsari\*, 3D conducting nanostructures fabricated using direct laser writing, *Optical Materials Express*, 1 (2011) 586-597.
  42. V. Melissinaki, A.A. Gill, I. Ortega, M. Vamvakaki, A. Ranella, J.W. Haycock, C. Fotakis, M. Farsari\*, F. Claeysens\*, Direct laser writing of 3D scaffolds for neural tissue engineering applications, *Biofabrication*, 3 (2011) 045005.
  43. C. Schizas, V. Melissinaki, A. Gaidukeviciute, C. Reinhardt, C. Ohrt, V. Dedoussis, B.N. Chichkov, C. Fotakis, M. Farsari, D. Karalekas\*, On the design and fabrication by two-photon polymerization of a readily assembled micro-valve, *International Journal of Advanced Manufacturing Technology*, 48 (2010) 435-441.
  44. I. Sakellari, A. Gaidukeviciute, A. Giakoumaki, D. Gray, C. Fotakis, M. Farsari\*, M. Vamvakaki, C. Reinhardt, A. Ovsianikov, B.N. Chichkov, Two-photon polymerization of titanium-containing sol-gel composites for three-dimensional structure fabrication, *Applied Physics A*, 100 (2010) 359-364.
  45. M. Malinauskas\*, A. Zukauskas, V. Purlys, K. Belazaras, A. Momot, D. Paipulas, R. Gadonas, A. Piskarskas, H. Gilbergs, A. Gaidukeviciute, I. Sakellari, M. Farsari, S. Juodkazis, Femtosecond laser polymerization of hybrid/integrated micro-optical elements and their characterization, *Journal of Optics*, 12 (2010) 124005.
  46. M. Farsari\*, M. Vamvakaki, B.N. Chichkov, Multiphoton polymerization of hybrid materials, *Journal of Optics*, 12 (2010) 124001.
  47. E. Stratakis, A. Ranella, M. Farsari, C. Fotakis\*, Laser-based micro/nanoengineering for biological applications, *Progress in Quantum Electronics*, 33 (2009) 127-163.
  48. A. Ovsianikov\*, S.Z. Xiao, M. Farsari, M. Vamvakaki, C. Fotakis, B.N. Chichkov, Shrinkage of microstructures produced by two-photon polymerization of Zr-based hybrid photosensitive materials, *Optics Express*, 17 (2009) 2143-2148.
  49. M. Farsari\*, B.N. Chichkov\*, Two-photon fabrication, *Nature Photonics*, 3 (2009) 450-452.
  50. F. Claeysens\*, E.A. Hasan, A. Gaidukeviciute, D.S. Achilleos, A. Ranella, C. Reinhardt, A. Ovsianikov, S. Xiao, C. Fotakis, M. Vamvakaki, B.N. Chichkov, M. Farsari\*, Three-Dimensional Biodegradable Structures Fabricated by Two-Photon Polymerization, *Langmuir*, 25 (2009) 3219-3223.
  51. A. Ovsianikov, J. Viertel, B. Chichkov\*, M. Oubaha, B. MacCraith, I. Sakellari, A. Giakoumaki, D. Gray, M. Vamvakaki, M. Farsari, C. Fotakis, Ultra-Low Shrinkage Hybrid Photosensitive Material for Two-Photon Polymerization Microfabrication, *ACS Nano*, 2 (2008) 2257-2262.
  52. M. Farsari\*, A. Ovsianikov, M. Vamvakaki, I. Sakellari, D. Gray, B.N. Chichkov, C. Fotakis, Fabrication of three-dimensional photonic crystal structures containing an active nonlinear optical chromophore, *Applied Physics a-Materials Science & Processing*, 93 (2008) 11-15.
  53. V. Dinca\*, A. Ranella, M. Farsari, D. Kafetzopoulos, M. Dinescu, A. Popescu, C. Fotakis, Quantification of the activity of biomolecules in microarrays obtained by direct laser transfer, *Biomedical Microdevices*, 10 (2008) 719-725.
  54. V. Dinca, E. Kasotakis, J. Catherine, A. Mourka, A. Ranella, A. Ovsianikov, B.N. Chichkov, M. Farsari\*, A. Mitraki, C. Fotakis, Directed three-dimensional patterning of self-assembled peptide fibrils, *Nano Letters*, 8 (2008) 538-543.
  55. V. Dinca\*, M. Farsari, D. Kafetzopoulos, A. Popescu, M. Dinescu, C. Fotakis, Patterning parameters for biomolecules microarrays constructed with nanosecond and femtosecond UV lasers, *Thin Solid Films*, 516 (2008) 6504-6511.
  56. S.H. Anastasiadis\*, M.I. Lygeraki, A. Athanassiou, M. Farsari, D. Pisignano, Reversibly Photo-Responsive Polymer Surfaces for Controlled Wettability, *Journal of Adhesion Science and Technology*, 22 (2008) 1853-1868.
  57. M. Farsari\*, G. Filippidis, T.S. Drakakis, K. Sambani, S. Georgiou, G. Papadakis, E. Gizeli, C. Fotakis, Three-dimensional biomolecule patterning, *Applied Surface Science*, 253 (2007) 8115-8118.
  58. V. Dinca\*, A. Ranella, A. Popescu, M. Dinescu, M. Farsari, C. Fotakis, Parameters optimization for biological molecules patterning using 248-nm ultrafast lasers, *Applied Surface Science*, 254 (2007) 1164-1168.
  59. V. Dinca\*, E. Kasotakis, J. Catherine, A. Mourka, A. Mitraki, A. Popescu, M. Dinescu, M. Farsari, C. Fotakis, Development of peptide-based patterns by laser transfer, *Applied Surface Science*, 254 (2007) 1160-1163.

60. S. Zoppel\*, M. Farsari, R. Merz, J. Zehetner, G. Stangl, G.A. Reider, C. Fotakis, Laser micro machining of 3C-SiC single crystals, *Microelectronic Engineering*, 83 (2006) 1400-1402.
61. E. Mele\*, D. Pisignano, M. Varda, M. Farsari, G. Filippidis, C. Fotakis, A. Athanassiou, R. Cingolani, Smart photochromic gratings with switchable wettability realized by green-light interferometry, *Applied Physics Letters*, 88 (2006).
62. M. Farsari\*, G. Filippidis, K. Sambani, T.S. Drakakis, C. Fotakis, Two-photon polymerization of an Eosin Y-sensitized acrylate composite, *Journal of Photochemistry and Photobiology a-Chemistry*, 181 (2006) 132-135.
63. T.S. Drakakis, G. Papadakis, K. Sambani, G. Filippidis, S. Georgiou, E. Gizeli, C. Fotakis, M. Farsari\*, Construction of three-dimensional biomolecule structures employing femtosecond lasers, *Applied Physics Letters*, 89 (2006) 144108.
64. A. Athanassiou\*, M. Varda, E. Mele, M.I. Lygeraki, D. Pisignano, M. Farsari, C. Fotakis, R. Cingolani, S.H. Anastasiadis, Combination of microstructuring and laser-light irradiation for the reversible wettability of photosensitized polymer surfaces, *Applied Physics a-Materials Science & Processing*, 83 (2006) 351-356.
65. S. Zoppel\*, D. Gray, M. Farsari, R. Merz, G.A. Reider, C. Fotakis, Elimination of cracking during UV laser ablation of SrTiO<sub>3</sub> single crystals by employing a femtosecond laser, *Applied Surface Science*, 252 (2005) 1910-1914.
66. M. Farsari\*, G. Filippidis, S. Zoppel, G.A. Reider, C. Fotakis, Efficient femtosecond laser micromachining of bulk 3C-SiC, *Journal of Micromechanics and Microengineering*, 15 (2005) 1786-1789.
67. M. Farsari\*, G. Filippidis, C. Fotakis, Fabrication of three-dimensional structures by three-photon polymerization, *Optics Letters*, 30 (2005) 3180-3182.
68. M. Farsari\*, F. Claret-Tournier, S. Huang, C.R. Chatwin, D.M. Budgett, P.M. Birch, R.C.D. Young, J.D. Richardson, A novel high-accuracy microstereolithography method employing an adaptive electro-optic mask, *J. Mater. Process. Tech.*, 107 (2000) 167-172.
69. P. Birch\*, R. Young, M. Farsari, C. Chatwin, D. Budgett, A comparison of the iterative Fourier transform method and evolutionary algorithms for the design of diffractive optical elements, *Optics and Lasers in Engineering*, 33 (2000) 439-448.
70. P. Birch\*, R. Young, C. Chatwin, M. Farsari, D. Budgett, J. Richardson, Fully complex optical modulation with an analogue ferroelectric liquid crystal spatial light modulator, *Optics Communications*, 175 (2000) 347-352.
71. M. Farsari, S. Huang, R.C.D. Young, M.I. Heywood, C.D. Bradfield, C.R. Chatwin\*, Holographic cure monitoring of the DuPont Somos (TM) 7100 stereolithography resin, *Optics and Lasers in Engineering*, 31 (1999) 239-246.
72. M. Farsari\*, S. Huang, P. Birch, F. Claret-Tournier, R. Young, D. Budgett, C. Bradfield, C. Chatwin, Microfabrication by use of a spatial light modulator in the ultraviolet: experimental results, *Optics Letters*, 24 (1999) 549-550.
73. C.R. Chatwin\*, M. Farsari, S. Huang, M.I. Heywood, R.C.D. Young, P.M. Birch, F. Claret-Tournier, J.D. Richardson, Characterisation of epoxy resins for microstereolithographic rapid prototyping, *International Journal of Advanced Manufacturing Technology*, 15 (1999) 281-286.
74. D.M. Budgett\*, M.I. Heywood, R.C.D. Young, C.R. Chatwin, S. Huang, P. Birch, M. Farsari, C.D. Bradfield, Real-time digital-optical correlator-systems design, *Microprocessors and Microsystems*, 23 (1999) 501-511.
75. S. Huang\*, M.I. Heywood, R.C.D. Young, M. Farsari, C.R. Chatwin, Systems control for a micro-stereolithography prototype, *Microprocessors and Microsystems*, 22 (1998) 67-77.
76. M. Farsari, S.P. Huang, R.C.D. Young, M.I. Heywood, P.J.B. Morrell, C.R. Chatwin\*, Holographic characterization of epoxy resins at 351.1 nm, *Optical Engineering*, 37 (1998) 2754-2759.
77. M. Farsari\*, S. Huang, R.C.D. Young, M.I. Heywood, P.J.B. Morrell, C.R. Chatwin, Four-wave mixing studies of UV curable resins for microstereolithography, *Journal of Photochemistry and Photobiology a-Chemistry*, 115 (1998) 81-87.
78. C. Chatwin\*, M. Farsari, S.P. Huang, M. Heywood, P. Birch, R. Young, J. Richardson, UV microstereolithography system that uses spatial light modulator technology, *Applied Optics*, 37 (1998) 7514-7522.
79. J.C. Cole, J.M. Cole, G.H. Cross, M. Farsari, J.A.K. Howard\*, M. Szablewski, Structural studies of a series of organic non-linear optical materials, *Acta Crystallographica Section B-Structural Science*, 53 (1997) 812-821