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**EPSRC Centre for Innovative
Manufacturing in Photonics**

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Michalis N. Zervas graduated from the Electrical Engineering Department, University of Thessaloniki, Greece (1984) and received his M.Sc. degree in Applied and Modern Optics (with distinction) and PhD degree in Fibre Optics from the University of Reading (1985) and University College London (1989), respectively. He joined the Optoelectronics Research Centre, University of Southampton in 1991 as a Research Fellow and promoted to Research Lecturer in 1995 and Professor in Optical Communications in 1999. His research activities include advanced optical fibre amplifier configurations, high power fibre lasers, fibre DFB lasers, Bragg grating theory and devices, surface-plasmon effects and devices, optical microresonators, and non-linear fibre optics. He is a co-founder of Southampton Photonics Inc., a University of Southampton spin-off manufacturing high power fibre lasers, where he is currently serving as Chief Scientist. He has authored/coauthored over 250 technical publications, about 30 patents/patent applications (of which 15 are granted) and has served on various conference program committees. He was the general program co-chair of the 1999 Optical Amplifiers Meeting (OSA) in Japan. He has given a number of invited talks and short courses in fiber amplifiers and fiber Bragg gratings at major international conferences. He was a coeditor of the journal "Integrated and Fiber Optics", special issue on Fibre Bragg Gratings. In 1996 he shared the prestigious Metrology award from the Confederation of British Industry for his work on grating measuring systems for characterizing reflection and dispersion performance of fiber Bragg gratings. In 2006 he was finalist for the Royal Society of Engineering McRobert Award for the development of high power industrial fibre lasers.

Prof Michalis Zervas is (or has formerly been) affiliated with Centre for Innovative Manufacturing in Photonics, University of Southampton, Optoelectronics Research Centre, University of Southampton and University of Southampton.

Areas of Expertise

- Advanced Laser Laboratory
- Bragg Gratings
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