Curriculum Vitae

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WORK EXPERIENCE

1997 - Present	Reader/ Group Leader/ Director of MSc programme on Optical Fibre Technology, University of Southampton, UK
1996 – 1997	Research Assistant, Optoelectronics Research Centre
1995 – 1996	Research Assistant, Technical University of Denmark

QUALIFICATION

2004	Ph.D., Optoelectronics Research Centre, University of Southampton
1995	M.Sc., Aarhus University, Denmark

ACADEMIC AND EDUCATION ACHIEVEMENT

- Program and General Chair of the OSA Conference on Bragg Gratings, Photosensitivity and Poling in Glass Waveguides (BGPP), 2007, 2010, 2012 and 2014
- Past Holder, Royal Society of London, University Research Fellowship (URF), 2003-2011
- Recipient, a joint R&D100 Invention and Development of the FemtoScope, an ultrasfast time-microscope based on complex fibre Bragg gratings
- Co-founder of SPI Lasers Ltd, UK

PUBLICATIONS

1. C. Corbari, A.V.Gladyshev, L.Lago, M.Ibsen, Y.Hernandez, P.G.Kazansky, “All-fiber frequency-doubled visible laser”, Optics Letters 2014 Vol.39(22) pp.6505-6508
2. J.M.Daniel, N.Simakov, M.Tokurakawa, M.Ibsen, W.A.Clarkson,” Ultra-short wavelength operation of a two-micron thulium fiber laser”, Conference on Lasers and Electro Optics (CLEO) San Jose 8-13 Jun 2014 SW1N.2.
3. E.Y.Zhu, Z.Tang, L.Qian, L.G.Helt, M.Liscidini, J.E.Sipe, C.Corbari, A.Canagasabey, M.Ibsen, P.G.Kazansky,”Poled-fiber source of broadband polarization-entangled photon pairs”, Optics Letters 2013 Vol.38(21) pp.4397-4400
4. J.D.Shi, P.Horak, S.-U.Alam, M.Ibsen,”Raman-DFB fibre laser enabled FWM in passive optical fibres”, International Conference on Photorefractive Effects Materials and Devices (PR'13)Winchester UK 4-6 Sep 2013

5. .J.Hernandez, C.V.Bennett, B.D.Moran, A.D.Drobshoff, D.Chang, C.Langrock, M.Fejer, M.Ibsen,"104 MHz rate single-shot recording with subpicosecond resolution using temporal imaging", Optics Express 2013 Vol.21(1) pp.196-203
6. A.M.Heidt, Z.Li, J.K.Sahu, P.C.Shardlow, M.Becker, M.Rothhardt, M.Ibsen, R.Phelan, B.Kelly, S.-U.Alam, D.J.Richardson,"35 kW peak power picosecond pulsed thulium-doped fibre amplifier system seeded by a gain-switched laser diode at 2 microns", CLEO-Europe/IQEC 2013 Munich 12-16 May 2013 CJ10_6
7. A.M.Heidt, Z.Li, J.K.Sahu, P.C.Shardlow, M.Becker, M.Rothhardt, M.Ibsen, R.Phelan, B.Kelly, S.-U.Alam, D.J.Richardson," 100 kW peak power picosecond thulium-doped fiber amplifier system seeded by a gain-switched diode laser at 2 microns", Optics Letters 2013 Vol.38(10) pp.1615-1617
8. J.D.Shi, S.-U.Alam, M.Ibsen,"Ultra-wide range four-wave mixing in Raman DFB fiber lasers", Optics Letters 2013 Vol.38(6) pp.944-946
9. A.Malinowski, D.Lin, S.U.Alam, Z.Zhang, M.Ibsen, J.Young, P.Wright, K.Ozanyan, M.Stringer, R.E.Miles, D.J.Richardson,"Fiber MOPA based tunable source for terahertz spectroscopy", Laser Physics Letters 2012 Vol.9(5) pp.350–354
10. X.Feng, J.D.Shi, C.C.Huang, P.Horak, P.S.Teh, S.-U.Alam, M.Ibsen, W.H.Loh,"Laser-induced crystalline optical waveguide in glass fiber format", Optics Express 2012 Vol.20(26) pp.B85-B93