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## People Detail

### Professor Russell, Philip - Russell Division

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### Director of the Russell Division – Photonic Crystal Fibres

Professor Philip Russell is a founding Director of the Max-Planck Institute for the Science of Light (MPL), which began operations in January 2009. Since 2005 he has also held the Krupp Chair in Experimental Physics at the University of Erlangen-Nuremberg. He obtained his D.Phil. degree in 1979 at the University of Oxford, spending three years as a Research Fellow at Oriel College, Oxford. In 1982 and 1983 he was a Humboldt Fellow at the Technical University Hamburg-Harburg (Germany), and from 1984 to 1986 he worked at the University of Nice (France) and the IBM TJ Watson Research Center in Yorktown Heights, New York. From 1986 to 1996 he was based mainly at the University of Southampton, first of all in the Optical Fibre Group and then in the Optoelectronics Research Centre. From 1996 to 2005 he was professor in the Department of Physics at the University of Bath, where he established the Centre for Photonics and Photonic Materials. His research interests currently focus on scientific applications of photonic crystal fibres and related structures. He is a Fellow of the Royal Society and The Optical Society (OSA) and has won several international awards for his research including the 2000 OSA Joseph Fraunhofer Award/Robert M. Burley Prize, the 2005 Thomas Young Prize of the Institute for Physics (UK), the 2005 Körber Prize for European Science, the 2013 EPS Prize for Research into the Science of Light, the 2014 Berthold Leibinger Zukunftspreis and the 2015 IEEE Photonics Award. He was OSA's President in 2015, the International Year of Light.

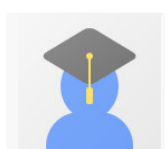
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# Prof. Dr. Philip St. J. Russell

## Curriculum Vitae

Philip Russell is Director at the Max-Planck Institute for the Science of Light in Erlangen, Germany and holds the Krupp Chair in Experimental Physics at the University of Erlangen-Nuremberg. He obtained his M.A. (1976) and D.Phil. (1979) degrees at the University of Oxford and subsequently worked in research laboratories and universities in France, Germany and the USA. His research interests range from the behaviour of light in periodically structured materials to nonlinear optics, waveguides, optical fibres and their applications. He has over 600 publications and is co-inventor on 37 disclosures or patents covering many aspects of photonics. He is a Fellow of the Royal Society and the Optical Society of America (OSA) and has won several international awards for his research including the 2005 Körber Prize for European Science, the 2005 Thomas Young Prize of the Institute for Physics (UK) and the 2000 OSA Joseph Fraunhofer Award/Robert M. Burley Prize. He was a Director-At-Large of the Optical Society of America 2007-2009 and from 2005 to 2006 he was an IEEE-LEOS Distinguished Lecturer and the recipient of a Royal Society/Wolfson Research Merit Award.



Philip Russell

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Title	1-20	Cited by	Year
<b>Photonic crystals: molding the flow of light</b>			
JD Joannopoulos, SG Johnson, JN Winn, RD Meade Princeton university press			
		13059	2011
<b>All-silica single-mode optical fiber with photonic crystal cladding</b>			
JC Knight, TA Birks, PSJ Russell, DM Atkin Optics letters 21 (19), 1547-1549			
		3472	1996

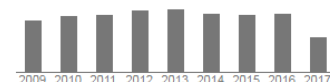
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