Arti Agrawal is an expert in numerical modelling methods for Photonics and has co-authored a text book “Finite element modelling methods for Photonics” published by Artech House as well as co-edited a book “recent trends in computational photonics” published by Springer in 2017. She is currently an Associate Professor in the Faculty of Engineering and Information Technology, at University of Technology Sydney, Australia. She is an Associate Editor for the IEEE Photonics Journal, and Elsevier’s Measurement Journal, Senior Member of the IEEE and OSA, a Chartered Physicist and Chartered Engineer.

Her research interests are modelling of photonics devices: spiral fibres, solar cells, photonic crystals etc. and development of numerical methods. She writes a blog http://artiagrawal.wordpress.com.