Editor-in-Chief P. Scott Carney introduces new JOSA A Topical Editor Anne Sentenac. © 2016 Optical Society of America

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It is my pleasure to introduce Anne Sentenac as the newest JOSA A Topical Editor. I have followed and admired Anne’s work for most of my own professional career. She has made seminal and major contributions to optics across many fields and has supported JOSA A and other journals of The Optical Society with her scholarship and insight as an author. Anne is our third French Topical Editor, and I am pleased to have such strong representation from the country of Fresnel, Fizeau, Verdet, Poincaré, Becquerel, and so many others who have defined our field.

Anne Sentenac
Inverse Problems and Computed Imaging

Anne Sentenac graduated from the Ecole Centrale Paris, France, in 1990. She received her PhD in Electrical Engineering from Ecole Centrale Paris in collaboration with the University of California Irvine, USA, in 1993. She was appointed by the French National Scientific Research Center (CNRS) as research assistant in 1993 and research director in 2007. From 1993 to 1997, she worked at the EM2C laboratory of the Ecole Centrale Paris on computational electromagnetism and rough surface scattering. In 1997, she moved to the Fresnel Institute in Marseille, France, where she studied grating-based optical components for narrow-band filtering applications while pursuing the analysis of wave propagation in complex media. Since 2003, she has been interested in wave imaging and has worked on the development of high-resolution “computational” optical microscopes, taking advantage of numerical inversion techniques based on a rigorous modeling of the data for reconstructing the sample. She has published more than 90 papers in international peer-reviewed journals as well as three book chapters, and she holds three patents.

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