

Josiane Zerubia – Last update : November 2013

Josiane Zerubia has been a permanent research scientist at INRIA since 1989, and director of research since July 1995. She was head of the PASTIS remote sensing laboratory (INRIA Sophia-Antipolis) from mid-1995 to 1997 and of the Ariana research group (INRIA/CNRS/University of Nice), which worked on inverse problems in remote sensing, from 1998 to 2011. Since January 2012, she has been head of Ayin research group (INRIA-SAM) dedicated to hierarchical and stochastic models for remote sensing and skincare imaging. She has been professor at SUPAERO (ISAE) in Toulouse since 1999. Before that, she was with the Signal and Image Processing Institute of the University of Southern California (USC) in Los-Angeles as a postdoc. She also worked as a researcher for the LASSY (University of Nice/CNRS) from 1984 to 1988 and in the Research Laboratory of Hewlett Packard in France and in Palo-Alto (CA) from 1982 to 1984. She received the MSc degree from the Department of Electrical Engineering at ENSIEG, Grenoble, France in 1981, and the Doctor of Engineering degree, her PhD, and her 'Habilitation', in 1986, 1988, and 1994 respectively, all from the University of Nice Sophia-Antipolis, France.

She is a Fellow of the IEEE. She is currently a member of the IEEE IVMSPTC and was a member of the IEEE BISP TC (SP Society) from 2004 till 2012. She was associate editor of IEEE Trans. on IP from 1998 to 2002; area editor of IEEE Trans. on IP from 2003 to 2006; guest co-editor of a special issue of IEEE Trans. on PAMI in 2003; member of the editorial board of IJCV from 2004 till March 2013 and member-at-large of the Board of Governors of the IEEE SP Society from 2002 to 2004. She has also been a member of the editorial board of the French Society for Photogrammetry and Remote Sensing (SFPT) since 1998, and of the Foundation and Trends in Signal Processing since 2007. She has been associate editor of the on-line resource: Earthzine (IEEE CEO and GEOSS).

She was co-chair of two workshops on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR'01, Sophia Antipolis, France, and EMMCVPR'03, Lisbon, Portugal); co-chair of a workshop on Image Processing and Related Mathematical Fields (IPRM'02, Moscow, Russia); technical program chair of a workshop on Photogrammetry and Remote Sensing for Urban Areas, Marne La Vallee, France, 2003 ; co-chair of the special sessions at IEEE ICASSP 2006 (Toulouse, France) and IEEE ISBI 2008 (Paris, France); and publicity chair of IEEE ICIP 2011 (Brussels, Belgium). She is currently a member of the organizing committee of a Workshop on Mathematics of the Planet Earth (MPE) (May 2014, Mumbai, India); tutorial co-chair of IEEE ICIP 2014 (Paris, France) and plenary talk co-chair of EUSIPCO 2015 (Nice, France).

Her current research interests are in image processing using probabilistic models and variational methods. She also works on parameter estimation and optimization techniques.