

Sylvain GIGAN

Employment

- 2014– **Professor**, *Sorbonne University*, Paris, France.
Laboratoire Kastler-Brossel
- 2007–2014 **Associate Professor**, *ESPCI ParisTech*, Paris, France.
Institut Langevin
- 2004–2007 **Postdoctoral Researcher**, *Vienna University*, Vienna, Austria.
Institute For Quantum Optics and Quantum Information

Education

- 2012 **Habilitation**, *Sorbonne University*, Paris, France.
- 2004 **PhD**, *Université Pierre et Marie Curie*, Paris, France.
Laboratoire Kastler-Brossel
- 2001 **Master**, *University Paris XI*, Orsay, France.
- 2000 **Engineering Degree**, *Ecole Polytechnique*, Palaiseau, France.

Awards and Honors

- 2019 Jerphagnon Prize
- 2018 Atos-Joseph Fourier Prize, category Artificial Intelligence
- 2016 Fabry de Gramont Prize
- 2015–2020 Institut Universitaire de France (IUF), Junior member

Service to Profession

Conference Chair

- 2020 Chair, doctoral school : Waves in complex media: From theory to Practice, Les Houches, FR (upcoming)
- 2020 Conference chair, Workshop on Information Optics, Florence, IT (upcoming)
- 2015– Conference chair, Adaptive Optics and Wavefront Control for Biological Systems BIOS Photonics West, San Francisco
- 2018 Conference chair, Workshop Optics For information Processing, Florence, Italy
- 2014 Conference chair, MEMS adaptive optics, SPIE photonics West, San Francisco
- 2014 Conference chair, OSA incubator meeting controlled light propagation through complex media, Washington
- 2013, 2015, 2017 Conference chair, Complex Nanophotonics Sciencecamp an EOS-Sponsored conference for young scientists, organized in Cumberland Lodge, UK
- 2011 Chair, organizing and scientific committee, Cargese School Non conventional imaging and focusing techniques: from acoustics to optics, Cargèse, FR

Program committee

*Professor, Sorbonne Université – Laboratoire Kastler-Brossel
Physics Department, Ecole Normale Supérieure
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- 2019 Mathematics in imaging part of Applied Optics Congress, OSA
 - 2017– Metamaterials and Complex Media of CLEO conference
 - 2015 scientific committee, International Conference Wavefront shaping and adaptive optics for microscopy and ophthalmology, Paris, FR
 - 2015,2017 Optical Coherence Imaging Techniques and imaging in scattering media, part of the ECBO conference, Munich
 - 2014 Frontiers of Optical Imaging (European Optical Society)
- [Editorial activities](#)
- 2019–2022 Editor, Optics Communications, Elsevier
 - 2019 Guest editor, Journal of the Optical Society of America B Special Issue "Optics in France"
 - 2019 Co-editor of the book "Wavefront shaping for biomedical imaging" Cambridge University Press
 - 2015 Guest editor, Optics Express (OSA) Feature issue "Controlled Light Propagation through Complex Media"