

Curriculum vitae

CARMINATI Rémi

Born on February 17, 1971 in Thonon (France)

Nationality : French.

Married, two children.

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Current position : Professor at ESPCI (School of Physics and Chemistry of the City of Paris), since Dec. 1, 2007.

Area of expertise : Waves in Complex Media

Academic grades and titles

- Engineer Degree from Ecole Centrale Paris, 1993.
- Master Degree in Transport Phenomena and Combustion, Ecole Centrale Paris, 1993.
- PhD in Optical Physics, Ecole Centrale Paris, defended on Sept. 9, 1996, with honors.
Subject : “*Analysis of the image formation in near-field optics*”.
Members of Committee : Profs. Boccara, Chavel (President), Girard, Greffet (Advisor), Nieto-Vesperinas (Referee), Pohl et Van Labeke (Referee).
- Post-doctoral fellowship in the Department of Theoretical Condensed Matter Physics (Prof. M. Nieto-Vesperinas) of the Institute of Material Science of Madrid (Spain), Oct. 1996 - Sept. 1997.
- “Habilitation à Diriger des Recherches” from the University of Paris-Sud, Orsay, defended on Nov. 20, 2002
Subject: “*Propagation, scattering and thermal emission of electromagnetic radiation at small scales*”.
Members of Committee : Profs. Aspect (President), Boccara (Referee), Greffet, Sandoghdar (Referee), Van Labeke (Referee), Sáenz.

Distinctions

Laureate of the Fabry-De Gramont Prize of the French Optical Society in 2006.

Languages

English (fluent), Spanish (read and spoken), German (read).

Expertise and scientific coordination and networking

Referee of international journals in physics (*Physical Review*, *Physical Review Letters*, *Journal of Applied Physics*, *Applied Physics Letters*, *European Physical Journal*) and optics (*Journal of the Optical Society of America*, *Optics Letters*, *Optics Communications*, *Journal of Optics A*).

Member of the International Scientific Committee of the conference Trends in Nanotechnology.

Referee for French National Agency for Research (ANR) programs.

Coordinator of the “Nanophotonics, Complex Media and Biophotonics” activity of the French Research Group of the CNRS on “Waves” (with C. Seassal and A. de Lustrac).

Publications

70 publications in international journals.

20 invited talks in conferences and summer schools.

More than 100 oral or poster presentations in conferences.