

Dr Silvia Vignolini

University Lecturer
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Research Interest Group: Materials
For more information, please visit: <http://www.ch.cam.ac.uk/person/sv319>



About Me

I was been appointed in 2013 as a Lecturer (Associated Professor) in the Chemistry Department in Cambridge. From 2010-2013, I worked as a Research Fellow with Prof. Ullrich Steiner at the Cavendish Laboratory in Cambridge. I finished by PhD in 2009 under the supervision of Prof. Diederik Wiersma at the European Laboratory for Non-Linear Spectroscopy in Florence, Italy.

My Research Interests

I studied the optical properties of materials ranging from photonic crystals to random structures. I studied the mechanisms involved in light-matter interactions in complex photonic systems, both for light localization and selective reflection/absorption. My present research is focused on the fabrication control of complex nano-structures made of bio-polymers and their interaction with light.

Mentoring Support I Can Provide

- Topics included in my research interests/areas of interest section
- Career development and progression: career values, aspirations, training and paths
- Career development and progression: routes to academic careers

Mentoring Availability and Contact

Please contact me directly at: sv319@cam.ac.uk