

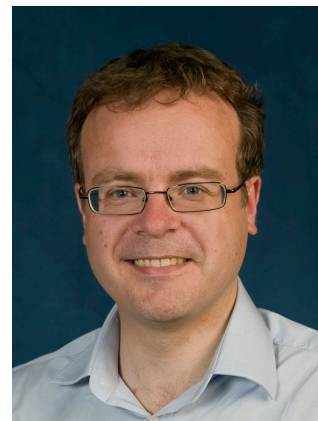
## Dr Steve Jenkins

University Lecturer in Physical Chemistry  
Department of Chemistry, University of Cambridge

**College Affiliation:** St Edmund's College

**Research Interest Group:** Physical

**For more information, please visit:** [www-jenkins.ch.cam.ac.uk](http://www-jenkins.ch.cam.ac.uk)



### About Me

I took my first degree at Exeter University, in Theoretical Physics, remaining there for my PhD in Computational Physics and for a three-year post-doctoral appointment studying semiconductor growth by first-principles density functional theory. I moved to the Chemistry Department at Cambridge in 1997, to work on a one-year contract as a post-doc in Professor Sir David King's surface science group. After a couple of short-term contract extensions, I gained a Royal Society University Research Fellowship in 2001, and was appointed to a University Lectureship in Physical Chemistry in 2009. I now lead the surface science group, directing research in both computational and experimental aspects of the field.

### My Research Interests

My group conducts computational and experimental research in surface science, with particular focus upon: chiral adsorbates and surfaces; hydrogen- and halogen-bonded adsorbate networks; surface restructuring at atomic and nanoscopic lengthscales; and surface chemistry relevant to large-scale and massively distributed heterogeneous catalysis (e.g. ammonia synthesis, automotive catalysis, etc).

### Mentoring Support I Can Provide

- Topics included in my research interests section
- Career development and progression: routes to academic careers
- Advice on Royal Society University Research Fellowships, etc.
- Provide motivation, confidence and inspiration

### Mentoring Availability and Contact

Please contact me directly: [sjj24@cam.ac.uk](mailto:sjj24@cam.ac.uk)