

Curriculum Vitae

Full Name: Aron Jonathan Cohen.
Age: 26 years.
Place/Date of birth: Guildford, Surrey. 12.9.76.
Nationality: British.
Marital Status: Single.
Home Address: 121 Histon Road, Cambridge.
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Jobs: May 2001- Postdoctoral researcher in the Department of Chemistry,
University of Cambridge

Further

Education: 1997-2001 Department of Chemistry, University of Cambridge
PhD in Theoretical Chemistry
'Development and Assessment of Density Functionals'
1994-1997 Queens' College, University of Cambridge,
Bachelor of Arts in Natural Sciences
Part I: Class 1, Part II: Class 2.1.

Education: 1986-1992 Guildford County School.
1992-1994 Wyggeston Queen Elizabeth 1st Sixth Form College, Leicester
June 1994 A Level: Grade A in Mathematics, Further Mathematics,
Physics and Chemistry
Special Papers: Grade 1 (Distinction) in Physics and Chemistry
June 1992 GCSE Level: 9 Grades (A-C)

Positions of Responsibility:

June 2000 Assistant organiser of DFT2000 conference in Menton, France.
1999 and 2000 Supervised Part III project students working on DFT
1997-2003 Undergraduate supervising and demonstrating

Computer Skills:

Six years working knowledge of Fortran 77 and Fortran 90, also extensive C-shell and unix programming. Working knowledge of HTML, perl and latex. Six years experience of using and developing CADPAC quantum chemistry package.

Conferences:

July 2003 ICQC meeting, Bonn, Germany. (Poster)
June 2002 CECAM workshop, Lyon, France. (Talk)
Sept 2001 DFT2001 meeting, Madrid, Spain. (Poster)
June 2000 ICQC and DFT2000 satellite meeting, Menton, France. (Poster)
Feb 2000 RSC theoretical chemistry meeting, London. (Talk)
Sept 1999 DFT99 conference, Rome, Italy. (Poster)
Aug 1999 ESQC summerschool, Sweden. (Poster)
July 1999 WATOC'99 conference, London.
July 1998 Faraday Discussion, St. Andrews.

Selected Publications

1. Development and assessment of new exchange-correlation functionals. F. A. Hamprecht, **A. J. Cohen**, D. J. Tozer and N. C. Handy. *J. Chem. Phys.* **109**, 6264 (1998)
2. Assessment of Exchange Correlation Functionals. **A. J. Cohen** and N. C. Handy. *Chem. Phys. Lett.* **316**, 160 (2000)
3. Thomas-Fermi-Dirac-von Weizsacker models in finite systems. G. K-L Chan, **A. J. Cohen** and N. C. Handy. *J. Chem. Phys.* **114**, 631 (2001)
4. Left-Right Correlation Energy. N. C. Handy and **A. J. Cohen**. *Molec. Phys.* **99**, 403 (2001)
5. Density functional generalized gradient calculations using Slater basis sets. **A. J. Cohen** and N. C. Handy. *J. Chem. Phys.* **117**, 1470 (2002)
6. Variational density matrix functional calculations for the corrected Hartree and corrected Hartree-Fock functionals. **A. J. Cohen** and E. J. Baerends. *Chem. Phys. Lett.* **364**, 409 (2002)