

Claudio Amovilli

Curriculum Vitae

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Education

- 1985–1987 **PhD in Chemistry**, *Scuola Normale Superiore*, Pisa, Italy.
70/70 with honours
- 1979–1984 **MSc in Chemistry**, *The University of Pisa*, Italy.
110/110 with honours
- 1979–1984 **Chemistry Diploma**, *Scuola Normale Superiore*, Pisa, Italy.

PhD Thesis

- Title *Molecular interactions: from the gas phase to the condensed state*
- Supervisor Professor Roy McWeeny
- Description In this thesis the intermolecular interaction energy was analyzed in terms of a decomposition scheme which led to the calculation of each contribution by means of quantum mechanical techniques. The theory was applied to the calculation of gas phase properties like virial coefficients, to the study of solvation in liquid solution and to the physisorption of a molecule on a metal surface.

Master's Thesis

- Title *Calculation of dispersion energy in the interaction between two molecules*
- Supervisor Professor Roy McWeeny
- Description In this thesis the dispersion energy between small molecules was calculated in terms of generalized imaginary frequency dependent polarizabilities.

Work Experience

Vocational

- 2006–Present **Associate Professor**, UNIVERSITY OF PISA, Italy.
Physical Chemistry
- 1992–2006 **Researcher**, UNIVERSITY OF PISA, Italy.
Physical Chemistry
- 1991–1992 **Teacher**, ITC "L. EINAUDI", PISA, Italy.
High School

1990–1991 **Post Doc**, UNIVERSITY OF PISA, Italy.
AICR Research Grant, supervisor Prof. Roy McWeeny

1989–1990 **Post Doc**, UNIVERSITY OF OXFORD, UK.
NATO Advanced Research Fellowship, supervisor Prof. Norman H. March

Miscellaneous

2013 National Scientific Qualification as Full Professor, Italian ASN

1988–1989 Military Service

Teaching Experience (Academic)

1992–2005 Chemistry (mainly Inorganic) Laboratory, Group Theory, Theoretical Chemistry

2006–now Physical Chemistry, Molecular Physical Chemistry, Theoretical Organic Chemistry, Physical Chemistry of Solids and Materials