

Marcin Artur Brynda

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Date of Birth: 04/13/67
Sex: Male
Nationality: Swiss, Polish
Married, 2 children

Education

Ph.D. Physical Chemistry, *University of Geneva, Switzerland*, 2000.
M. Sc. Computational Chemistry, *University of Geneva, Switzerland*, 1995.
B. Sc. General Chemistry, *University of Geneva, Switzerland*, 1993.

Professional Experience

2006- Present Faculty Associate Specialist, *Department of Chemistry, University of California, Davis.*
2004-2006 Faculty Assistant Specialist, *Department of Chemistry, University of California, Davis.*
2002-2004 Visiting Lecturer, *Department of Chemistry, University of California, Davis.*
2001-2002 Junior lecturer, *Department of Analytical, Inorganic and Applied Chemistry, University of Geneva.*

Teaching experience

2002-Present

1. QM/Computational chemistry course for graduate students, UC Davis.
2. EPR part of Spectroscopic Methods for Biophysicist, UC Davis.

Skills

Languages: French, English, Polish, Russian – fluently spoken and written, Italian – good knowledge.

Computers: PC and mainframe computers (both hardware and software), network architecture and processing under UNIX, LINUX and WIN. Cluster administration under Linux. Programming: Fortran, VB, TB.

Research interests

Electron Paramagnetic Resonance (EPR) spectroscopy. Radicals in solid state. High-field pulsed and continuous wave EPR techniques. Investigation of radicals dynamics in biomolecules such as biopolymers and bioradicals. Computational chemistry of biomolecules and biomimetic molecules. Computer simulation of EPR spectra issued from motional phenomena in radicals.