



**Name:** Eva Scholtzová ( nee Vrbjarová)

**Present address:**

Department of Theoretical Chemistry  
Institute of Inorganic Chemistry  
Slovak Academy of Sciences  
Dúbravská cesta 9  
83645 Bratislava  
Slovakia

**Telephone number:**  
e-mail

+421-2-594 104 57  
eva.scholtzova@savba.sk

**Education and qualifications:**

- 1991-1998

PhD in Physical Chemistry

Department of Theoretical Chemistry  
Institute of Inorganic Chemistry  
Slovak Academy of Sciences

*Thesis: The effect of substitution of central cations in brucite sheet on the electron structure of trioctahedral layer silicates.*

- 1983-1988

Diploma in Chemistry

Slovak Technical University  
Faculty of Chemical Technology  
Department of Silicates: Technology of Glass  
Slovakia

**Work experience:**

- 1994-present

Department of Theoretical Chemistry  
Institute of Inorganic Chemistry  
Slovak Academy of Sciences  
Post: Senior scientist

- 1988-1991

Common laboratory for base research of glass  
Centre of chemical research  
Slovak Academy of Sciences

**Research Field**

- using of *ab initio* methods for improving and prediction of the crystal structures; studying of intercalated layer silicates and hydrogen bonds, electronic structure and properties of compounds used in pharmacy
- suggesting suitable model for obtaining IR spectra of layer silicates; studying of substituted layer silicates

**Other activities:**

- Participation in the European Summerschool 'Ab initio Modelling in Solid State Chemistry MSSC 2000' Torino, Italy (16-20 Sept 2000)
- Participation in the VASP Workshop 2003, Wien, Austria (Feb 2003)
- Participation in the Neutron Autumn school Štrba, Slovak Republic (Sept 2007)
- Member of Organizing Committee 'Solid State Chemistry 2008', Bratislava, Slovak Republic (July 2008)