

**Dr. Vladimir G. Malkin**



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**1. Who was your supervising tutor when you visited the University of Würzburg?**

My host-professor was Prof. Dr. Martin Kaupp – that time he was working in Institute of Inorganic Chemistry. Starting from this year he is working in Berlin.

**2. We would be happy to get to know something about your academic/ professional career and it would be nice if you could describe your professional work in a few words.**

My major interest is development of new quantum-chemical methods for prediction and interpretation molecular properties (in particular parameters of nuclear magnetic resonance (NMR) spectroscopy and electron paramagnetic resonance (EPR) spectroscopy). This is an interception of 3 disciplines: physics (we deal with Schrödinger and Dirac equations in the presence of magnetic fields), mathematics (we use a lot of mathematics – mostly numerical methods - to solve these equations) and chemistry (we and other groups apply developed by us methods and computer programs to solve real chemical problems).

**3. Whats your image from India? Do you have any experiences with the cultural differences of your home country and India? What do you find most fascinating about it?**

Well, I was born in Russia (exactly – in former USSR) where I was working till the age of 34. Then I was working in Germany, Canada and now I am working in Slovakia (I am Slovak citizen for 14 years now). So I certainly have something to say on cultural differences in a few countries/regions. As for most fascinating about cultural differences – this is a very multifaceted question. It is very interesting to watch how easily some people can adapt to different cultures and find friends everywhere while others cannot overcome the crust of their native culture and education. Watching different people helps me to understand better myself. Meeting with another culture helps us to recognize the limitations of our own culture and traditions. In all these respects India and EU with their very different cultures and traditions provide an excellent ground for such experiences.

**4. What do you think about the importance of Alumni in terms of the cultural, academic and economic exchange?**

We are grateful very much for your efforts to provide opportunities for such exchange for academics. As we are often too concentrated on our science, sometimes we just have not enough driving force for other aspects of life. And situation usually only goes worse with the time ... Thus the Alumni activities are very important and appreciable.