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It is a great pleasure to write in support of Dr. Pavel Mach for his application to become Full Professor at Comenius University. As Full Professor at the *Charles University in Prague*, and active researcher in the field of computational chemistry, I am well acquainted with the many keystone contributions in computational chemistry Dr. Mach has produced in his very prolific scientific carrier.

I read carefully the Curriculum Vita of Dr. Mach and I came to believe that he is an exceptional scientist and teacher. Dr. Mach has been lecturer for many years in different courses and has been the advisor of an important number of thesis showing exceptional skills to teach the new generation and to direct high level scientific work.

Dr. Mach is an internationally reputed expert in quantum chemistry and its applications, he presents a solid background in chemistry and physics that makes him a privileged teacher, researcher and contributor to the development of different areas. Dr. Mach has published large amount of scientific papers in high level international journals. He is also frequently invited to give conferences in important scientific meetings around the world. In summary, the scientific work of Dr. Mach is indeed of paramount importance because it is at the heart of key chemical and physical processes.

The high regard that I have for Dr. Mach is a common thread in all of us that have worked with him, I'm sure that numerous colleagues that read and that follow the work of Dr. Mach share this appreciation. The academic presence of Dr. Mach in the international quantum chemistry community has been much appreciated and trust his opinion on others works as judicious and well informed..

All these accomplishments are more than enough to illustrate why I believe Dr. Mach is a scientist of exceptional abilities and, in my opinion, deserves being promoted to the category of Full Professor of the Comenius University.

Yours truly,

Prof. Dr. Jaroslav Burda,
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