

Prof. Majdi Hochlaf, Full Professor, HDR  
Head of Theoretical Chemistry Group  
Head of Department of Physical, Chemical and Mechanical Sciences  
*Laboratoire Modélisation et Simulation Multi Echelle*  
**MSME UMR 8208 CNRS**  
B. N34, Bat. Lavoisier, Université Paris-Est Marne-La-Vallée  
5 Boulevard Descartes,  
Champs-Sur-Marne, 77454 Marne-La-Vallée  
Tél. : +33 1 60 95 73 19  
Fax. : +33 1 60 95 73 20  
E-mail : [hochlaf@univ-mlv.fr](mailto:hochlaf@univ-mlv.fr)

Subject: Invitation Letter for Leonid Shirkov

To whom it may concern,

Paris, the 28<sup>th</sup> of February 2017

Dear Madam/Sir,

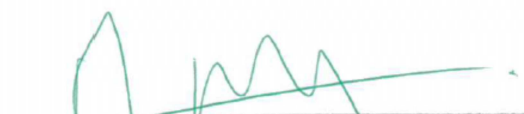
As the head of the of Theoretical Chemistry Group at the Laboratoire Modélisation et Simulation Multi Echelle MSME UMR 8208 CNRS, Université Paris-Est Marne-La-Vallée, France, I'm pleased to confirm that Mr Leonid Shirkov will be welcomed in our group for scientific collaboration from 15.03.2017 to 15.04.2017.

During his stay, he will be generating potential energy surfaces, at the highest level, for cyanogens. Then, he will be incorporating these potentials into nuclear motion treatments. He will be using the Hsurfit and RVIB4 variational codes we have in our group and the new code he is developing during his PhD for comparison. The resulting rovibrational spectra are needed for the identification of cyanogens in diverse media.

I'm very much looking forward to this collaboration which I expect to be of highest quality.

Sincerely yours,

Prof. Majdi Hochlaf.  
Responsable de l'Equipe de Chimie Théorique  
Laboratoire Modélisation et Simulation Multi Echelle  
MSME UMR 8208 CNRS  
Université Paris-Est Marne-la-Vallée.



Université Paris-Est Marne-la-Vallée  
Laboratoire Modélisation et  
Simulation Multi Echelle  
MSME UMR 8208 CNRS  
5, bd Descartes - 77454 Marne-la-Vallée Cedex 01 France  
Tél. 33 1 60 95 77 88 - Fax 33 1 60 95 77 99