



DIPARTIMENTO DI CHIMICA G. CIAMICIAN

Prof. Cristina Puzzarini

Telef. +39 051 2099503/9506 – *Fax* +39 051 2099456 – *E-mail:* cristina.puzzarini@unibo.it

Dear Roberto,

It is my pleasure to invite you at the Dipartimento di Chimica “Giacomo Ciamician,” Università degli Studi di Bologna (Italy), from April 15th to April 23rd 2017 to perform calculations of accurate spectroscopic parameters of the atmospherically relevant HOC(O)O radical.

We will discuss the best strategies for determining rotational constants for the low energy states of this radical and for the simulation of the IR spectrum of the ground state. These calculations will be performed using advanced coupled-cluster approaches for the electronic structure including corrections for basis set incompleteness and core correlation effects.

We will give you all the necessary support to conduct this research program, but trip and subsistence expenses will be at your charge. I encourage you to ask for an STSM support from the COST MOLIM since this research program fits perfectly its interest.

(Cristina Puzzarini)