

**3-d International WORKSHOP**  
**“Spectroscopy and Dynamics of Ozone and Related Atmospheric Species”**  
**REIMS, FRANCE, October 4-6, 2017**

*First circular*

The Third International Workshop “**Spectroscopy and Dynamics of Ozone and Related Atmospheric Species**” will be held in Reims, France from October 4<sup>th</sup> to October 6<sup>th</sup> 2017, in the conference hall of the Hotel « De La Paix ».

The Workshop is organized by the « Groupe de Spectroscopie Moléculaire et Atmosphérique » (GSMA) laboratory of the University of Reims Champagne-Ardenne and the « Centre National de Recherche Scientifique » (CNRS, UMR 7331).

*Scientific Board*

Vladimir Tyuterev (coordinator)

Alain Barbe, Alain Campargue, Iouli Gordon, Richard Dawes, Pascal Honvault, Christof Janssen, Johannes Orphal, Agnes Perrin, Viatcheslav Kokoouline, Semen Mikhailenko, Maud Rotger, Peter Szalay

*Local Organizing Committee*

Maud Rotger (coordinator),  
and the GSMA spectroscopy team.

All the correspondence concerning the abstracts of contributions, arrival and registration should be sent to the local coordinator at: [maud.rotger@univ-reims.fr](mailto:maud.rotger@univ-reims.fr)

*Scientific program / topics*

Contributions will take the form of oral presentations and will cover the following topics:

- *Laboratory measurements ( IR , MW, UV ranges ) and spectral analyses of ozone and of molecules involved in the ozone atmospheric cycle.*
- *Electronic structure calculations, potential-energy, dipole moment surfaces and non-adiabatic effects in ozone.*
- *Theoretical models for describing the ozone rovibrational states.*
- *Ozone dynamics: formation, decomposition, and photodissociation.*
- *Isotopic effects in ozone.*
- *Chemical reactivity along the ozone cycle, in situ atmospheric balloon and satellite measurements.*
- *Databases related to ozone spectroscopy and dynamics.*

*Conference venue*

All the Workshop sessions will take place at the conference facilities of the Hotel « De La Paix » <http://www.bestwestern.fr/fr/hotel-Reims,Best-Western-Hotel-De-La-Paix,93385> located in the centre of Reims, France.

### *Accommodation / arrival / departure*

The format of this small Workshop as well as the capacity of the hotel conference hall allow for a limited number of participants (max. 50). Hotel booking has to be done by the participants themselves: a wide choice of hotels is available in the centre of Reims (see links below).

<http://www.hotel-crystal.fr/>; <http://www.reims-tourism.com/>

The Workshop program is planned to start on October 4<sup>th</sup> at 12 pm and close on October 6<sup>th</sup> in the afternoon.

### *Deadline for abstracts submission:*

Abstract submission deadline is **July 10th**.

Proposals for the email address list, requests for the participation and the abstracts (maximum 1 page) in \*.pdf , and \*.tex or \*.doc format are to be submitted to:

[maud.rotger@univ-reims.fr](mailto:maud.rotger@univ-reims.fr).

The abstract book will be available in electronic format.

### *Format of the workshop*

The format of the workshop is planned to be similar to that of the 1-st and 2-nd workshops that were held in Reims in 2011 and 2013

### *Pre-registration by email*

Intended participants are requested to pre-register by sending a simple email to [maud.rotger@univ-reims.fr](mailto:maud.rotger@univ-reims.fr) giving the name, affiliation and arrival / departure dates.

### *Registration on the workshop site:*

[www.univ-reims.fr/ozone2017](http://www.univ-reims.fr/ozone2017)

Regular participant registration fee: “early birds” rate **220€** before September 10-th 2017, and **270€** after this date.

For students and PostDocs rate **200€** before September 10-th 2017 and **270€** after this date

The registration fee includes :

- rent of the conference hall,
- **lunches** during the workshop in the restaurant « De La Paix » and coffee breaks
- workshop **banquet**.

Registration will open in March 2017.

For the Organizing Committee

Vladimir Tyuterev and Maud Rotger  
University of Reims, France