



# CTAVE

Oxygenated Compounds in the Tropical  
Atmosphere : Variability and Exchanges

<http://octave.aeronomie.be>

## **OCTAVE Intensive Field Campaign Workshop**

**4-5 October 2018**

Royal Belgian Institute for Space Aeronomy, BIRA-IASB

Avenue Circulaire 3, B-1180, Brussels

**Meeting Room : Nicolet 1 & 2**

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The easiest way through the city to reach us

### *From the Central Station*

Bus 38 (direction *HEROS*) : stop at *HOUZEAU*, walk up the *Avenue Houzeau* street to the *Observatory/Space Pole* (7 minutes walk), enter the *Space Pole*, ask at the reception about the location of BIRA-IASB, enter the BIRA-IASB building, the meeting room is on the left.

### *From Brussels-Airport*

Direct trains run every 15 minutes between the airport and the Central Station.

### *From Hotel Brussels*

Bus 60 (direction *CALEVOET*) : stop at *HOUZEAU*, walk up the *Avenue Houzeau* street to the *Observatory/Space Pole* (7 minutes walk), enter the *Space Pole*, ask at the reception about the location of BIRA-IASB, enter the BIRA-IASB building, the meeting room is on the left.

See <http://www.aeronomie.be/en/contact/itinerary.htm> for more details

List of collaborators in the intensive campaign

**List of attendees**

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## Agenda

### Thursday 4 October

<b>9:00-9:10</b>	<b>Welcome</b>	<b>Jenny Stavrakou</b>
<b>9:10-10:30</b>	<b>The OCTAVE project The OCTAVE intensive field campaign</b>	<b>Jenny Stavrakou Jérôme Brioude</b>
<b>10:30-11:00 : <i>Coffee Break</i></b>		
<b>11:00-17:00 20-min presentations and discussion</b>		
<b>11:00-12:50</b>	<b>Status of the instruments and data processing</b>	<b>BIRA-IASB (2 presentations) LSCE/LaMP Colorado Univ.</b>
<b>13:00-14:15 : <i>Lunch break</i></b>		
<b>14:30-17:00</b>	<b>Status of the instruments and data processing</b>	<b>LACy Helsinki Univ. Hokkaido University</b>
<b>17:00-17:30 Short (10-15 min) presentations on scientific topics, paper plan and discussion</b>		
<b>17:00-17:15</b>	<b>Topic 1 : Oceanic and biogenic sources of OVOCs</b>	<b>Aurélie Colomb</b>
<b>17:15-17:30</b>	<b>Topic 2: VOCs, HCHO and OVOC secondary formation</b>	<b>Crist Amelynck</b>
<b>19:00 : <i>Dinner</i></b>		

## Friday 5 October

9:00-12:50		
Short (10-15 min) presentations on scientific topics, paper plan and discussion		
<b>9:00-10:45</b>	<b>Topic 3 : Atmospheric transport during the field campaign and impact on Maïdo measurements</b>	<b>Bert Verreyken</b>
	<b>Topic 4: Chemistry within volcanic plumes : observation and modeling</b>	<b>Jérôme Brioude</b>
	<b>Topic 5: Glyoxal/NO<sub>2</sub> : observations and modeling</b>	<b>Rainer Volkamer</b>
	<b>Status of the instruments and data processing</b> <b>Topic 6 : Mercury measurements in Maïdo Observatory</b>	<b>Univ. Grenoble-Alpes, Aurelien Domergue</b>
<b>10:45-11:15 : Coffee Break</b>		
<b>11:15-12:50</b>	<b>Topic 7: Oceanic and terrestrial biogenic source of organic aerosols</b>	<b>Yuzo Miyazaki</b>
	<b>Topic 8: Results from previous measurements at Maïdo</b>	<b>Clémence Rose</b>
	<b>Topic 9: Strong negative “ion-induced” nucleation during volcanic plumes</b>	<b>Matti Rissanen</b>
	<b>Topic 10: Nucleating agents in Maïdo : stabilities of homogeneous and heterogeneous iodine acid, sulfuric acid and methanesulfonic acid clusters</b>	<b>Siddharth Iyer</b>
<b>13:00-14:15 : Lunch break</b>		
<b>14:30-15:30 General discussion</b>		
<b>15:30 : End of workshop</b>		