



# CTAVE

Oxygenated Compounds in the Tropical  
Atmosphere : Variability and Exchanges

<http://octave.aeronomie.be>

## First Annual Progress Meeting

1 March 2018

Royal Belgian Institute for Space Aeronomy, BIRA-IASB, Avenue Circulaire 3, B-1180,  
Brussels, **Meeting Room : Nicolet 1**

### List of participants

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<b>Miguel Portillo Estrada</b>	University of Antwerp	miguel.portilloestrada@uantwerpen.be	Follow-up committee member
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<b>Martine Vanderstraeten</b>	BELSPO	martine.vanderstraeten@belspo.be	Scientific project officer
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## Agenda

<b>10:00-10:15</b>	<i>Welcome, Current project status</i>	<b>Jenny Stavrakou</b>
<b>10:15-10:40</b>	<i>First PTR-MS VOC measurements at Reunion Island, influences of biomass burning and back trajectory calculations</i>	<b>Crist Amelynck Bert Verreyken</b>
<b>10:40-10:50</b>	<i>FTIR column observations at Reunion Island</i>	<b>Corinne Vigouroux</b>
<b>10:50-11:00</b>	<i>Simulated air composition at Maido using the IMAGES CTM</i>	<b>Jenny Stavrakou</b>
<b>11:00-11:20</b>	<i>Coupling FLEXPART to the AROME mesoscale operational model</i>	<b>Bert Verreyken</b>
	<i>11:20 Coffee break</i>	
<b>11:40-12:10</b>	<i>The OCTAVE intensive field campaign</i>	<b>Jerome Brioude</b>
<b>12:10-12:30</b>	<i>Applying VOC measurements to a wide spectrum of experiments in ecology</i>	<b>Miguel Portillo Estrada</b>
	<i>12:30 Lunch</i>	
<b>13:30-14:00</b>	<i>VOC retrievals from IASI using neural networks : quasi-global distributions of methanol, formic acid and PAN</i>	<b>Bruno Franco</b>
<b>14:00-14:20</b>	<i>Modeled estimates of global biogenic VOC emissions and their variation due to land cover changes</i>	<b>Katerina Sindelarova</b>
	<i>14:20 Coffee break</i>	
<b>14:40-15:10</b>	<i>Improved chemical mechanism and physical processes in the updated IMAGES CTM</i>	<b>Jean-François Müller</b>
<b>15:10-15:30</b>	<i>Research activities at the Atmospheric Composition and Chemistry Group of Univ. of Minnesota</i>	<b>Dylan Millet</b>
<b>15:30-15:50</b>	<i>Discussion and next steps</i>	<b>All</b>