

# Carbonyl Sulphide: new ways of Observing the Climate System

## Program Yearly Meeting

Venue: Lumen 7, Droevendaalse Steeg 3, 6708 PB, Wageningen

Date: September 16<sup>th</sup>, 2019, start program 14:00

12:00: Arrival Groningen Crew, Lunch

13:30: Last coffee before we start

14:00: Maarten Krol: General progress and innovations

### Session 1: Observations, Chair Elena Popa

14:20: Sophie Baartman: Measuring COS isotopologues: the first results

14:40: Steven van Heuven: HEMERA COS measurements

15:00: Huilin Chen: Ringo COS measurements

15:20: Discussion: plans coming year

Break

### Session 2: Modelling, Chair Huilin Chen

16:00: Linda Kooijmans: Updates on SIB4 biosphere modelling

16:20: Peter Bosman: Estimating photosynthesis using inverse modelling with a simple coupled COS-CO<sub>2</sub> mixed-layer model

16:40: Juhi Nagori: Modelling COS isotopologues in the 1D atmospheric model PATMO

17:00: Jin Ma: Multi-tracer inverse modelling of COS, CS<sub>2</sub> and DMS and budget analysis

17:20: Discussion on modelling, plans coming year

17:40: General discussion & preparation COSANOVA meeting

18:00 Adjourn, drinks, and food.