RUN5: status

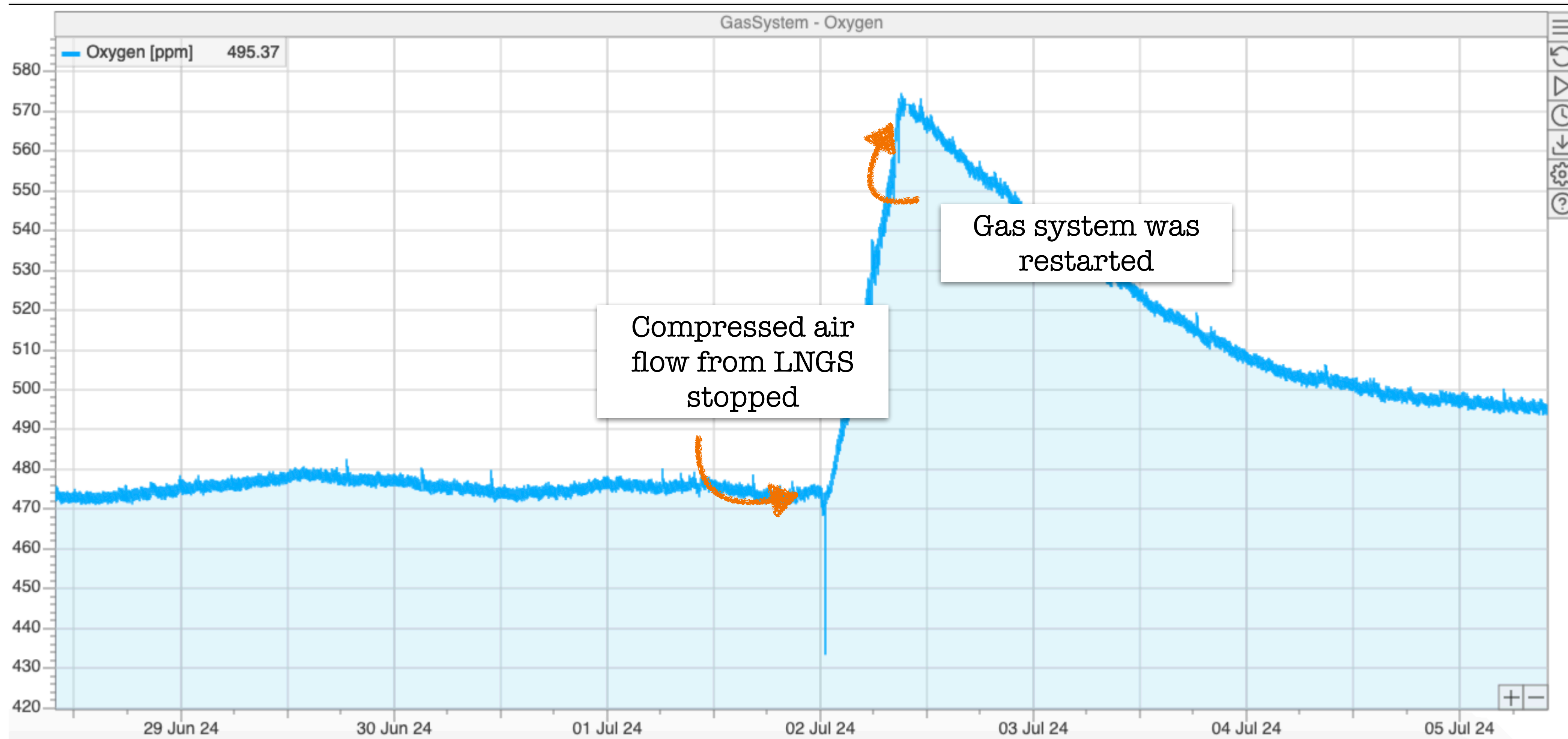**Stefano Piacentini**
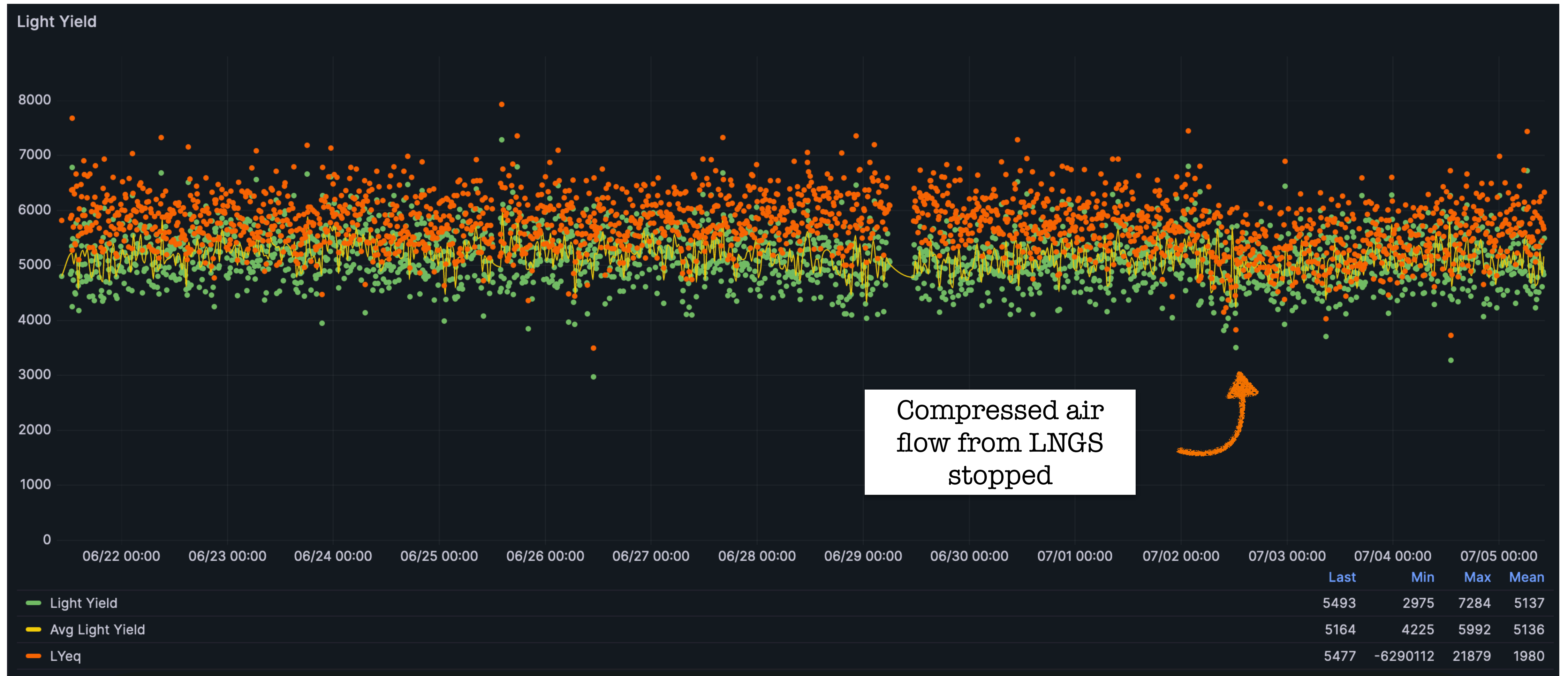
General Meeting   **05/07/2024**
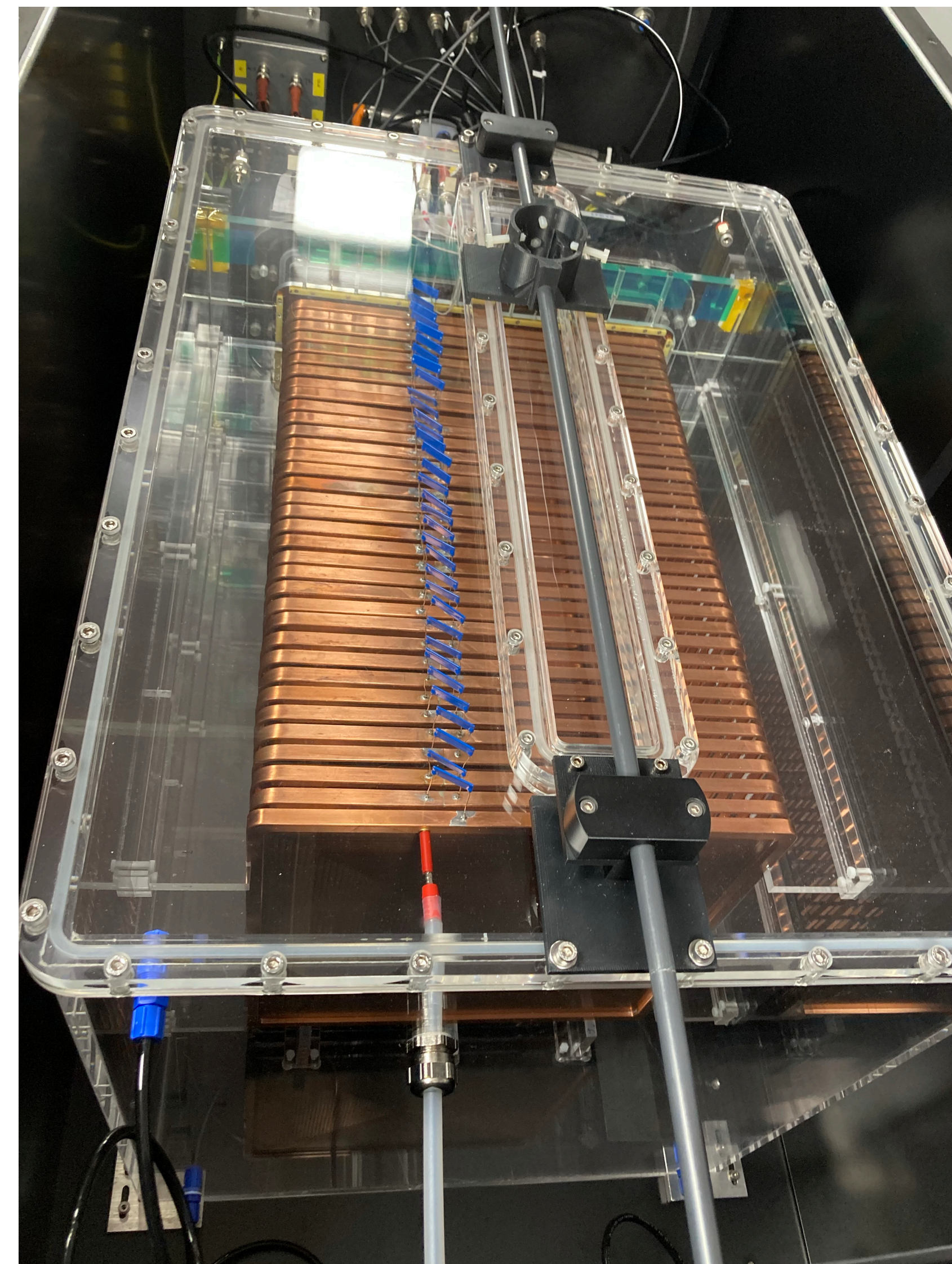
Compressed Air issues

Compressed Air issues

Compressed Air issues

- LNGS labs are working for a **solution**

- They communicated us that **next July15th and July 16th they will replace the CA accumulation tank**.

- This activity will have a **serious impact on our data taking**, as we won't be able to flush fresh gas into LIME, and we will need at least 24h to recover a good detector condition

- We may **exploit this occasion to measure the impact of oxygen+humidity concentrations** in our detector.

- We **plan** to continuously take **scans in z with the 55Fe** source as a function of time and oxygen concentrations.
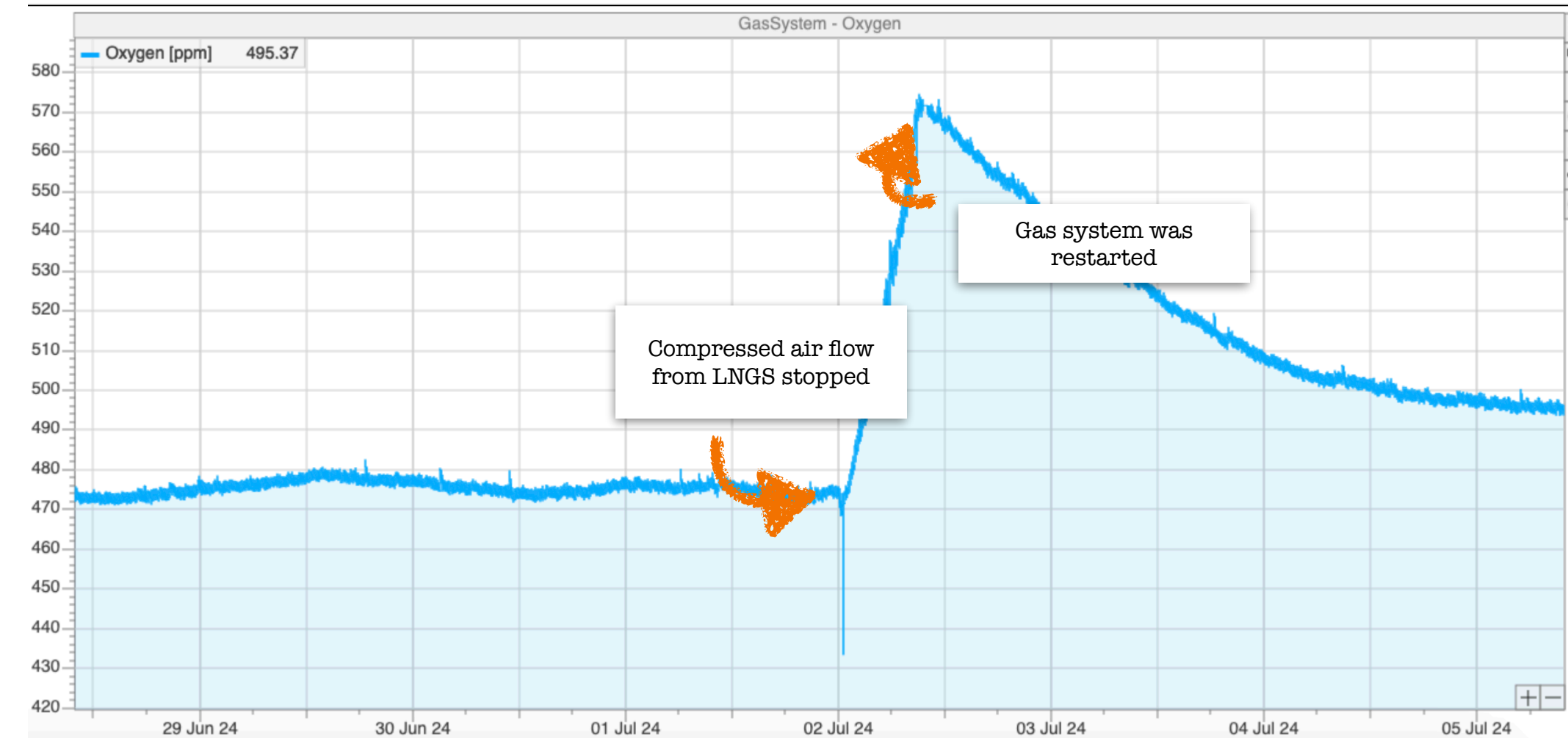
Cari colleghi,

La presente per comunicare a tutti i colleghi, ai servizi e alle collaborazioni interessate, che lunedì 15 e martedì 16 luglio prossimi si effettuerà la sostituzione del serbatoio di accumulo dell'aria compressa sulla linea principale dei Laboratori Sotterranei.

Tale attività, urgente e improcrastinabile, di fatto impedirà l'erogazione dell'AC durante tutto il periodo di intervento.

Invito pertanto i colleghi interessati a tener conto di tale comunicazione.

Grazie per la collaborazione, e scusate per il disagio,
Lucio Di Paolo

Motor implemented in MIDAS

- **Motor** is now **integrated within the MIDAS** framework

- The **daily calibration procedure is way easier and less demanding** for the shifter (just starting the correct sequence)

- Motor can be **controlled** not only via **sequencer**, but also by a dedicated **custom page**

- We **still have an issue to solve**: there's a (probably fake) "microswitch pressed" interrupt that blocks the communication with motor. This happens only when the motor is off from a large amount of time (days). We are discussing a possible solution to be tested on site as soon as there will be the occasion.

5