

**Seminar on Physics and Chemistry  
of the Atmosphere  
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**Update on carbon monoxide inversions**

**Rasmus Nüß**  
(IUP)

**Abstract**

First, I will present my recent progress towards estimating the carbon monoxide (CO) emissions from the 2018 Californian wildfires with the TM5-4dvar inverse model. After that, I will show a short summary of what I did during my research stay in the Netherlands earlier this year, where I worked on including formaldehyde (HCHO) observations in the CO inversions.