

**Seminar on Physics and Chemistry  
of the Atmosphere  
11.12.2020, WiSe 2020/2021, IUP Bremen**

**Sentinel-2 moving truck detection for traffic density  
and trace gas emission quantification**

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**Abstract**

Can ocean wave forecasts be improved with the wind vector and significant wave height observations? How to work run huge climate simulations and develop a climate auto model and Hypatia the new IUP high-performance computer is here, what's next? This and other questions will be answered in this talk.