

copernicus sentinel-5 precursor validation team workshop



Poster Nr	Abstract Title	Author
1	In-flight performance monitoring of TROPOMI Signal to Noise Ratio (SNR)	Mijin Eo
2	Activities for the validation of TROPOMI Level 2 products by using GEMS algorithm and Ground-based network over East Asia	Sujung Go
3	Synergistic use of meteorological imager for aerosol retrieval algorithm of hyperspectral UV-Vis instrument	Sujung Go
4	Sentinel5p NO2 validation with the EMEP regional air quality model in the VALS-5p project	Jan Griesfeller
5	The 2018 fire season in North America as seen by TROPOMI: aerosol layer height validation and evaluation of model-derived plume heights	Debora Griffin
6	Carbon Monoxide Total Columns from Sentinel-5P Short-Wave Infrared Nadir Measurements	Philipp Hochstaffl
7	Testing an automated enclosure system for a ground-based shortwave infrared remote sensing spectrometer; application to the validation of Sentinel-5 Precursor carbon monoxide and methane	Neil Humpage

8	Application of Sentinel-5P observations for estimation of nitrogen oxides fluxes from power plants in Poland	Marcin Kawka
9	Sentinel-5P and ground based measurements of methane over Sodankylä, Finland	Rigel Kivi
10	Routine Operations Validation Service for Sentinel-5p TROPOMI Atmospheric Level-2 Data Products	Jean-Christopher Lambert
11	Characteristics of TROPOMI radiometric calibration analyzed with deep convective clouds over TWP region	Yeeun Lee
12	Validation of TROPOMI methane with TCCON: Reduced intercomparison errors by using independent a priori profile information	Johannes Lutzmann
13	German campaign activities for the uncertainty characterization of trace gas products from Sentinel-5p	Andreas C. Meier
14	Validation of Aerosol Layer Height retrieved from the TROPOMI / Sentinel-5 Precursor instrument using EARLINET lidar data	Konstantinos Michailidis
15	Validation of Tropomi/Sentinel-5 Precursor Satellite Data Using Time Series of Ground-Based FTIR Sites at Different Latitudes	Amelie Ninja Röbling
16	Two years of worldwide inter-comparison of S5P/TROPOMI and SYNOP cloud fraction observations	Chrysovalantis Sarakis

17	Comparison of Sentinel 5 Precursor/TROPOMI NO2 observations with LOTOS-EUROS simulations and ground-based in situ measurements in Mediterranean cities.	Ioanna Skoulidou
18	Evaluation of the TROPOMI weekly cycles of NO2 measurements over metropolitan areas using the long record of OMI observations and modeling	Maite Bauwens
19	ASSESSMENT OF S-5P TROPOSPHERIC NO2 MAPPING AND IMPACT OF SPATIAL SMEARING OVER HIGHLY POLLUTED REGIONS BASED ON COINCIDENT AIRBORNE APEX DATA	Frederik Tack
20	Gradients of greenhouse gases fields on regional scales observed with Sentinel-5P and COCCON spectrometers	Qiansi Tu
21	TROPOMI NO2 slant column retrieval: comparisons against OMI/QA4ECV	Jos Van Geffen
22	Improving the TROPOMI CO data product: update of the spectroscopic database and destripping of single orbits	Tobias Borsdorff
23	Comparison of TROPOMI tropospheric NO2 and HCHO VCDs to OMI and MAX-DOAS measurements in Munich	Ka Lok Chan
24	Synergistic Retrieval of Smoke, Dust, and Smog using SNPP VIIRS and S5P TROPOMI	Pubu Ciren
25	Sentinel 5-Precursor cal/val activities near Bucharest, Romania	Alexandru Dandocsi

26	Assessment of the quality of TROPOMI high-spatial-resolution NO2 data products	Vitali Fioletov
27	A new scientific data product of H ₂ O/HDO columns from TROPOMI's short-wave infrared band and validation against TCCON	Andreas Schneider