

13 Sep 10:00-12:00 GMT (19:00-21:00JST): Japan National Committee Session

10:00-10:02 Yugo Kanaya JNC session: welcome and introduction

Part A. GOSAT-GW and international collaboration

10:02-10:07 Hiroshi Tanimoto Observing anthropogenic emissions of greenhouse gases and air pollutants with the GOSAT-GW satellite: Scientific targets and policy contributions

10:07-10:12 Tamaki Fujinawa First Concurrent Observations of NO₂ and CO₂ from Power Plant Plumes by Airborne Remote Sensing

10:12-10:17 Takashi Sekiya A comparison of the impact of TROPOMI and OMI tropospheric NO₂ on global chemical data assimilation and emission inversion

10:17-10:22 Yousuke Yamashita A chemistry-transport modeling to support satellite observations of NO₂ and CO₂ emitted from megacities

10:22-10:27 Tomohiro Oda Errors and uncertainties associated with mobility and traffic activity data for estimating fossil fuel CO₂ emissions during the COVID-19 pandemic

10:27-10:32 Prabir Patra Understanding of the space-time variations of hydroxyl (OH) using methyl chloroform (CH₃CCl₃)

10:32-10:46 discussion

10:46-10:47 Part B. Asian regional air pollution and international collaboration

10:47-10:52	Chunmao Zhu	Light absorption properties of brown carbon aerosols in the Asian outflow: Implications from a combination of filter and ground remote sensing observations at Fukue Island, Japan
10:52-10:57	Yongjoo Choi	Investigation of the wet removal rate of black carbon in East Asia: validation of a below- and in-cloud wet removal scheme in FLEXible PARTICle (FLEXPART) model v10.4
10:57-11:02	Adedayo Adedeji	Modelling the sources of air pollution over the East China Sea
11:02-11:07	Daizhou Zhang	Aerosol soluble iron production under clean, haze and fog conditions at a coastal site of China
11:07-11:12	Kazuyo Yamaji	Model analysis of the atmospheric aerosol concentrations and depositions by ship-onboard observations over the Eastern Indian Ocean
11:12-11:26	discussion	
11:26-11:27	Part C. Lightning talks from ECS	
11:27-11:31	Kenta Kanegae	Evaluation of a Low-Cost Mobile PM2.5 Sensor and Application to the Measurements along the Japan National Route 1
11:31-11:35	Yange Deng	Temperature and acidity dependence of secondary organic aerosol formation from α -pinene oxidation: implication for SOA models

11:35-11:39	Afsana Sonia	Chemical characteristics of humic-like substance (HULIS) organic aerosol in a cool-temperate forest area of Japan
11:39-11:43	Sakiko Ishino	Oxidation of methanesulfonate into sulfate at inland Antarctica evidenced by ^{17}O -excess signature
11:43-11:47	Kohei Ono	Investigation of adhesivity of marine organic aerosols by atomic force microscopy
11:47-12:00	overall discussion for future collaboration (mention other posters/presentations)	