

The 3rd CATCH Open Science Workshop

Tuesday, 10 May 2022

Ocean-ice-snow-atmosphere fluxes: Round the world session - focus on trace gas flux above snow, (sea)ice & ocean (07:00 - 10:00)

time	[id] title	presenter
07:00	[123] Poster Session and Informal Discussions	
08:00	[135] Welcome and introduction	
08:10	[7] Trace gas flux in/above snow	HELMIG, Detlef
08:20	[8] Eddy accumulation HONO flux measurements	KLEFFMANN, Jörg
08:30	[9] Water vapour fluxes above snow in conditions of drifting and blowing snow	SIGMUND, Armin
08:40	[10] The role of the atmospheric boundary layer above snow/ice for vertical exchange fluxes	VIHMA, Timo
08:50	[11] NO _x flux chamber measurements in Antarctica	SAVARINO, Joel
09:00	[12] GHG flux chamber measurements above sea ice	NOMURA, Daiki
09:10	[13] Heavy metals and pollutants particles deposition in northern Tibetan Plateau glaciers	DONG, Zhiwen
09:20	[14] Questions and Discussion	

Ocean-ice-snow-atmosphere fluxes: Plenary session, keynote presentation and discussions (14:00 - 17:00)

time	[id] title	presenter
14:00	[124] Poster Session & Informal Discussions	
15:00	[15] Introduction and summary of session 1	
15:10	[16] Keynote: Air-Sea Trace Gas Fluxes - A Focus on Turbulent Flux Methods for the Cryosphere	BLOMQUIST, Byron
15:40	[17] Keynote: On-line sea-air fluxes of sea spray and of VOC using ship-borne interfacial enclosures	SELLEGRI, Karine
16:10	[18] Questions and Discussion	

Ocean-ice-snow-atmosphere fluxes: Ocean-ice-snow-atmosphere fluxes: Round the world session (18:00 - 21:00)

time	[id] title	presenter
18:00	[125] Poster Session & Informal Discussions	
19:00	[20] Introduction and summary of sessions 1 & 2	
19:10	[22] Arctic sea spray flux measurements	SALTER, Matthew
19:20	[24] Parameterization of sea salt from blowing snow in GEOS-Chem	CROFT, Betty
19:30	[26] Measurements of chemically-resolved aerosol fluxes by eddy covariance in Alaska	BOEDICKER, Erin

19:40	[27] Ice cores record deposition of perfluorinated pollutants in the Arctic	YOUNG, Cora
19:50	[110] Black carbon and other light-absorbing impurity flux to snow in the Andes	HUNEEUS, Nicolas
20:00	[31] Questions and Discussion	