

The 3rd CATCH Open Science Workshop

Tuesday, May 10, 2022

Ocean-ice-snow-atmosphere fluxes: Round the world session - focus on trace gas flux above snow, (sea)ice & ocean (7:00 AM - 10:00 AM)

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

Ocean-ice-snow-atmosphere fluxes: Plenary session, keynote presentation and discussions (2:00 PM - 5:00 PM)

time	[id] title	presenter
2:00 PM	[124] Poster Session & Informal Discussions	
3:00 PM	[15] Introduction and summary of session 1	
3:10 PM	[16] Keynote: Air-Sea Trace Gas Fluxes - A Focus on Turbulent Flux Methods for the Cryosphere	BLOMQUIST, Byron
3:40 PM	[17] Keynote: On-line sea-air fluxes of sea spray and of VOC using ship-borne interfacial enclosures	SELLEGRI, Karine
4:10 PM	[18] Questions and Discussion	

Ocean-ice-snow-atmosphere fluxes: Ocean-ice-snow-atmosphere fluxes: Round the world session (6:00 PM - 9:00 PM)

time	[id] title	presenter
6:00 PM	[125] Poster Session & Informal Discussions	
7:00 PM	[20] Introduction and summary of sessions 1 & 2	
7:10 PM	[22] Arctic sea spray flux measurements	SALTER, Matthew
7:20 PM	[24] Parameterization of sea salt from blowing snow in GEOS-Chem	CROFT, Betty
7:30 PM	[26] Measurements of chemically-resolved aerosol fluxes by eddy covariance in Alaska	BOEDICKER, Erin

7:40 PM	[27] Ice cores record deposition of perfluorinated pollutants in the Arctic	YOUNG, Cora
7:50 PM	[110] Black carbon and other light-absorbing impurity flux to snow in the Andes	HUNEEUS, Nicolas
8:00 PM	[31] Questions and Discussion	