

**4TH GREENEDGE SCIENCE MEETING - CAMPUS JUSSIEU (UPMC)  
FEBRUARY 6-8, 2018**

Date	Session	Starting time	End time	Topic/Title	Speaker
Tuesday, 6 Feb	Introduction	09:00	09:20	opening words & Green Edge scientific program	Babin
		09:20	09:50	Upper ocean physics of Baffin Bay marginal ice zone: Overview of physical data and processes	Dumont
		09:50	10:10	WP2 - phytoplankton Spring bloom: diversity, processes and biogeochemistry	Babin
		10:10	10:30	WP3 - carbon transfer	Morata
		10:30	10:50	WP4 - remote sensing	Matsuoka
		10:50	11:20	Break	
		11:20	11:40	WP5 - Modelling	Memery
		11:40	12:00	WP6 - paleoceanographie	Massé, Giraudeau
		12:00	12:10	WP7 - local knowledge and food security	Sansoulet
		12:10	12:20	Communication and Outreach	Sansoulet
		12:20	12:30	overview of GreenEdge database	Ferland, Bruyant, Schmechtig
		12:30	13:30	Lunch	
		Physics	13:30	13:45	microstructure
	13:45		14:00	Ice phytoplankton interaction	Vancoppenolle, Lebrun
	14:00		14:30	sub-group discussion	
	Optics and remote sensing	14:30	14:45	Spectral light transmission measurements performed in the ice camp campaigns in 2015 and 2016	Matthes, Ehn, Mundy
		14:45	15:00	under-ice optics using a ROV	Lambert-Girard, Matthes (speaker)
		15:00	15:15	optics and Clouds	Laliberté
		15:15	15:30	Observation and modelling of highly variable spectral albedo during melt season	Verin
		15:30	15:45	overview of optical data available	Bécu, Bélanger, Gali Tapias
		15:45	16:00	light transmission under the ice	Massicotte
		16:00	16:15	Break	
		16:15	16:30	argo floats	Babin, Xing, Marec, Lagunas, Leymarie, Penkerch
		16:30	16:45	gliders	Rehm, Bécu
		16:45	17:00	Light absorption properties of particles and colored dissolved organic matter in Baffin Bay: the Ice camp (2015 and 2016)	Matsuoka et al.
		17:00	17:15	Light absorption properties in Baffin Bay: the Amundsen (2016) cruise	Bricaud et al.
	17:15	18:00	sub-group discussion		
18:00	Adjourn				
biodiversity	08:30	08:45	Cultures from the Edge: A glimpse into the diversity of Arctic phytoplankton (Part II).	Ribeiro, Vaulot	
	08:45	09:00	TBD	Dadaglio, Joux	
	09:00	09:15	Environmental control on an under-ice phytoplankton spring bloom as revealed by automatic imagery	Grondin, Ferland, Babin	
	09:15	09:45	sub-group discussion		
	09:45	10:00	Break		
	10:00	10:15	pigments	Ras, Claustre, Bricaud	
	10:15	10:30	Nutrients, primary production and nitrogen cycling	Tremblay, Raimbault, Filteau	

Wednesday, 7 Feb	biogeo-chemistry	10:30	10:45	Cycle de la silice durant la campagne Amundsen et le camps de glace	Queguiner, Moriceau, Lenaert, Lafond
		10:45	11:00	P-E curves	Bruyant, Ferland, Massicotte, Forget
		11:00	11:15	TBD	Lavaud
		11:15	11:30	TBD	Delaforge
		11:30	11:45	Dimethylsulfide (DMS) Amundsen	Gali Tapias, Levasseur, Lizotte, Massé, Leguen
		11:45	12:30	sub-group discussion	
		12:30	13:30	Lunch	
	carbon transfer	13:30	13:45	données taxonomique zooplancton	Aubry, Lalande, Fortier
		13:45	14:05	Linking phytoplankton dynamics and carbon flux in the Baffin Bay	Ardyna, Lombard, Guidi, Lacour, Picheral
		14:05	14:20	Trophic relationships, Mercury exposure and clinical health of Baffin Bay seabirds	Mosbeck, Eulaers
		14:20	14:35	Is sea ice important for seabirds in Baffin Bay? New evidence from HBI biomarkers	Cusset, Dufour, Massé
		14:35	14:50	benthic ecosystem function and pelagic-benthic coupling	Morata
		14:50	15:05	Influence of sea ice depletion on the epibenthic food web structure and resilience in the Canadian Arctic	Guarin, Archambault
		15:05	15:20	réseau trophique et sclérochronométrie	Chauvaud, Coston
		15:20	15:35	Trophic network modelling reveals contrasted pelagic ecosystems on both sides of Baffin Bay	St-Béat, Maps
		15:35	16:15	sub-group discussion	
		16:00	16:15	break	
	remote sensing	16:15	16:30	Camlum	Goyens, Bélanger
		16:30	16:45	Atmospheric correction schemes in icy waters: evaluation using 3D radiative transfer simulations	Matsuoka, Goyens, Cornet
		16:45	17:00	Satellite Chlorophyll-a concentration and Primary Production in the Arctic Ocean from the late 70's to present	Devred, Oziel, Ardyna
	17:00	18:00	sub-group discussion		
	18:00	Adjourn			
Thursday, 8 Feb	nutrition and local knowledge	09:00	09:15	TBD	Lemire, Kenny
	paleoceanography	09:15	09:30	Paleo-productivité et paléo-glace de mer saisonnière dans le détroit de Nares à l'Holocène: méthodes d'investigation et premier résultats.	Geogiadis et al
		09:30	09:45	Paleoproductivity and sea-surface conditions during the Holocene in the North Water Polynya region	Limoge, Ribeiro
		09:45	10:30	sub-group discussion	
		10:30	11:00	break	
		11:00	12:30	wrap-up, review of the list of publications and dissemination strategy	Babin
		12:30	14:00	Lunch	
		14:00	15:30	sub-group discussion - ad lib	
			End of meeting		