

		Scientific orientations for the French "Arctic Observatory Initiative" (10')	M. Babin (UMI Takuvik, Canada)
		General discussion	
Working Group 2.3 Chairman: S. Falk-Petersen (Amphi A)	18:00 - 19:00	<b>WG 2.3 - Projects and perspectives</b>	
		ECOTAB (5')	N. Morata, J. Richard (IUEM, France)
		SCLERARCTIC (5')	F. Olivier (MNHN, France)
		B.B. Polar (5')	L. Chauvaud (IUEM, France)
		High resolution ice-ocean simulation of the Storfjorden polynya in Svalbard (10')	C. Rousset (LOCEAN, France)
		SIDARUS Project - Example of use of satellite technologies (SAR and ARGOS) for analysis of polar animal behaviour (10')	N. Longepe or J.Y. Le Bras (CLS, France)
		The use of biotelemetry to track Arctic seabirds facing the threat of a changing environment (10')	J. Fort (Aarhus Univ. Denmark)
	19:00 - 21:00	Cocktail reception (La Pérouse Library)	

## Friday, November 16th

Working Group 2.3 to be continued Chairmen: S. Falk-Petersen P. Tréguer (Amphi A)	8:30 - 10:30	WG 2.3 to be continued	
		Important ARCTOS projects in Svalbard waters (10')	S. Falk-Petersen (NP, Norway)
		CIRCA (5')	J. Berge (UiT, Norway)
		Cleopatra 2 (5')	J. Søreide (UNIS, Norway)
		Sea ice melting, freshening, phytoplankton and CO2 in the Pacific Arctic (10')	D. Ruiz Pino (LOCEAN, France)
		Scientific project on TARA Arctic Expedition 2013 (10')	R. Troublé (Tara Expeditions, France)
		General discussion including insertion into the coming national/international frameworks	
	10:30 - 11:00	Coffee break and poster session	
Plenary discussion (Amphi A)	11:00 - 12:00	Overview and discussion Synthesis Actions plan and follow up	
	12:00 - 13:30	Lunch at University restaurant	
ECOTAB Meeting (A215 Room)	13:30 - 17:30	Internal meeting of the ANR-ECOTAB project	ECOTAB members



# Arctic Days

# 2012

International workshop on Arctic marine ecosystems  
November 14<sup>th</sup> - 16<sup>th</sup>, 2012  
Plouzané, IUEM

## Program



## Wednesday, November 14<sup>th</sup>

Plenary session 1 (Amphi A)	8:30 - 8:45	Participants welcome	
	8:45 - 9:00	Presentation of IUEM and its Arctic perspectives	Yves-Marie Paulet (IUEM, France)
	9:00 - 9:30	Towards a French contribution to an Arctic Observatory	Denis-Didier Rousseau (INSU, France)
	9:30 - 10:00	Arctic oceanography: a view from the coast	Finlo Cottier (SAMS, UK)
10:00 - 10:30 Coffee break and poster session			
Plenary session 1 to be continued (Amphi A)	10:30 - 11:00	Contribution of Arctic glaciers to fresh water discharge in the ocean: Observation of the Austre Lovén glacier, Svalbard, 79°N	Madeleine Griselin (Univ. Franche-Comté, France)
	11:00 - 11:30	Modelling of the physical-biological coupling in the Arctic: an emphasis on the land-ocean connection	Vincent Le Fouest (LOV, France)
	11:30 - 12:00	Light, carbon fluxes & ecosystems in a changing Arctic Ocean	Marcel Babin (UMI Takuvik, Canada)
12:00 - 13:30 Lunch at University restaurant			
Plenary Session 1 to be continued (Amphi A)	13:30 - 14:00	Importance of sea ice algae in the Arctic marine ecosystem	Michel Gosselin (UQAR-ISMER, Canada)
	14:00 - 14:30	Consequences of the Global Warming on microbial food webs in the Arctic Ocean	Dolors Vaqué (CSIC, Spain)
Working Groups	14:30 - 16:00	WG 1.1 - Master students meet Arctic scientists (Amphi B and A215 Room)	
		WG 1.2 - Towards a French network on Arctic Marine Ecosystems? (A219 Room)	
16:00 - 16:30 Coffee break and poster session			
Working Groups	16:30 - 18:00	WG 1.1 to be continued	
		WG 1.2 to be continued	
19:30 - 22:00 Dinner "Crêpe" party (Yacht Club, Commercial harbour, Brest)			

## Thursday, November 15<sup>th</sup>

Plenary session 2 (Amphi A)	8:30 - 9:00	Oceans in a high CO <sub>2</sub> world: Integrating climate-related stressor effects on marine organisms	Hans-Otto Pörtner (AWI, Germany)
	9:00 - 9:30	Krill and its response to temperature changes	Jean-Yves Toullec (Roscoff Station, UPMC, France)
	9:30 - 10:00	Retention of ice-associated amphipods: possible consequences for an ice-free Arctic Ocean	Jørgen Berge (UiT, Norway)

10:00 - 10:30		Coffee break and poster session	
Plenary session 2 to be continued (Amphi A)	10:30 - 11:00	Use of bivalves proxies to monitor environmental variability in Arctic marine ecosystems	Michael Carroll (Akvaplan-Niva, Norway)
	11:00 - 11:30	Climate variability through proxies in ice and sediments	Guillaume Massé (UMI Takuvik, Canada)
	11:30 - 12:00	Benthos communities in Svalbard	Maria Włodarska-Kowalczyk (IOPAS, Poland)
12:00 - 13:30 Lunch at University restaurant			
Plenary Session 2 to be continued (Amphi A)	13:30 - 14:00	Ecosystem shifts in the northern Bering and Chukchi Seas	Jacqueline Grebmeier (Univ. Maryland, USA)
Worging Group 2.1 Chairman: D.D. Rousseau (Amphi A)	<b>WG 2.1 - Arctic challenges, geopolitics and science</b>		
	14:00 - 14:30	The need for international cooperation in the Arctic	Laurent Mayet (Foreign and European Office, France)
	14:30 - 16:00	IASC presentation (10')	J. Grebmeier (Univ. Maryland, USA)
		ARCTOS (5')	S. Falk-Petersen (NPI, Norway)
		ARCTICNET and Amundsen expeditions (10')	M. Babin (UMI Takuvik, Canada)
		ART - Arctic in Rapid Transition (5')	N. Morata (IUEM, France)
		APECS and CNFRA (5')	E. Sultan (MNHN, France)
		Sum-up on the discussion about a French network on Arctic Marine Ecology (10')	F. Narcy (IUEM, France)
		General discussion	
16:00 - 16:30 Coffee break and poster session			
Working Group 2.2 Chairmen: L. Chauvaud Y.M. Paulet (Amphi A)	16:30 - 18:00	<b>WG 2.2 - Observatories and long-term monitoring in the Arctic</b>	
		Biological and physical time series studies of marine ecosystem in Svalbard waters (10')	S. Falk-Petersen (NP, Norway)
		Overview of moorings activities around Svalbard (10')	F. Cottier (SAMS, UK)
		HAUSGARTEN (10')	C. Lalande (AWI, Germany)
		DBO - Distributed Biological Observatory (10')	J. Grebmeier (Univ. Maryland, USA)