

3 rd RINGO Annual meeting Improving the Readiness				
Ocean MSA		C-cycling symposium		
Monday 18 Mar	Tuesday 19 Mar	Wednesday 20 Mar	Thursday 21 Mar	Friday 22 Mar
08:30-09:00	Registration			
	WP or task specific work-shops (Task 1.2 (S. Hammer) & WP2 (J. Kolman))	<p>Session Chaired by Michel Ramonet (TBC):</p> <p>Plenary 4. Miro Demol: Results from terrestrial LiDAR measurements done at the ICOS stations. Plenary 5 Huilin Chen: Vertical profile observations of greenhouse gases using AirCore from the intensive RINGO campaign at Sodankylä, Finland; Plenary 6 Huilin Chen TBC: "Vertical profile observations of greenhouse gases using FTIR and validation using AirCore profiles".</p>	<p>Session Chaired by Timo Vesala (TBC):</p> <p>Plenary 10 Bert Gielen on behalf of Denis Loustau and Virginie: How will the ICOS Ecosystem network observe for the next 20 years what was undetectable for the past 20 years ? (T. 3.5) 20min +10 min ; Plenary 11-12 Jiffi Kolman chairs (60min) New Countries to represent updated view of national roadmaps for expected memberships.</p>	
10:30-11:00	Coffee			
	WP or task specific work-shops (Task 1.2 (S. Hammer) & WP2 (J. Kolman))	<p>Session Chaired by Benjamin Pfeil (TBC) :</p> <p>Plenary 7 Jamie Shutler: The tools developed. They will allow everyone to use a common set of tools for calculating air-sea gas fluxes and net integrated values. This will ensure that all RINGO results are internally consistent. Plenary 8 Samuel Hammer: Optimising the atmospheric radiocarbon sampling strategy for ICOS: finding the balance between hot-spot and regional observations; Plenary 9 TBC</p>	<p>Convenor Leonard Rivier: 90min Task specific working time for Task 1.5.1., topic</p>	<p>WP 5.2. (convenor Benjamin Pfeil): Discussion on current and ongoing work, but also extended topics including <i>brainstorming</i> about future elaborated data products.</p>
12:30-13:30	Lunch			
	<p>Session Chaired by Jouni Heiskanen: Plenary: 1) Werner Kutsch: Opening & update on strategy and 5-year plan (10min) Plenary: 2) Andrew Watson & Jamie Shutler: New technology for autonomous vehicles measuring marine CO2 under RINGO. 20min. Plenary 3) Gregor Rehder: The Progress of ATC- conform GHG measurement on VOS ships. 20min</p>	<p>Work Package / Task Specific working time /</p>	<p>Possibility to visit the Marine Robotics Research Centre (TBC Charmaine and Richard)</p>	
14:30-15:00	Coffee			
	Parallels		Parallels: WP-wise & cross discipl.	
	<p>Task 1.3. ICOS flask sampling strategy (ca. 1-1.5 hours) Convenor Ingeborg Levin</p>	<p>Task 4.1 Developing metadata for ICOS RI & Task 5.2 (Alex)</p>	<p>Task 1.5.3 with 1.5.5, task 3.4, task 3.5 and task 4.2. (Bert Gielen convenor) .</p>	<p>Task 4.2 Atmosphere (Convened by Michel, Alex), including an Oral presentation Simone Pieber: A decade of continuous and discrete trace gas and stable isotope ratio measurements at Jungfraujoch: method comparison.</p>
	Wrap-up & Summarize Day 1 - introduction to posters		Wrap-up & Summarize Day 2 - introduction to posters	
	GA		EB	
18:00-20:00	Business / Science Forum			
	POSTER Session TBC (interested Dan Mayor)			
19:00->	DINNER at the Dancing Man			

Minisymposium on North Atlantic and adjacent sea areas (Baltic & Mediterranean) C-cycling - whole day + Premeeting 1 day Task 3.4. specific work shop on "Data processing, quality control and gap-filling of CH4 and N2O fluxes, measured by eddy covariance technique". To reg. before Feb 20 goto <https://elomake.helsinki.fi/loomakkeet/94987/loomakke.html>