

## MOCA – CAGE – MAGIC joint data workshop



**Start - End:** 11 AM the 26 November and ends ca lunchtime 27. November.

**Location:** NILU, Kjeller, see information here about directions here:

<http://www.nilu.no/OmNILU/Kontaktoss/Hovedkontor/tabid/81/Default.aspx>. If you prefer taxi; it takes ca 20 min with taxi from the airport.

**Local contacts at NILU:** Cathrine Lund Myhre ([clm@nilu.no](mailto:clm@nilu.no), +47 63898042/mobile: +47 48221353), Ove Hermansen ([oh@nilu.no](mailto:oh@nilu.no), + 47 63898216) Sonja Grossberndt ([sg@nilu.no](mailto:sg@nilu.no))



*West of Svalbard 1 July 2014: RV Helmer Hanssen as seen from the FAAM aircraft (Ignacio Pisso, NILU)*

<b>Wednesday 26 November</b>		
11.00	Welcome	Cathrine L. M
11.00-11.30	Introduction with overview of summer 2014 activities, the platforms involved and data record	Cathrine L. M
11.30-17.00	<b>Status and report from each measurement platform, from the bottom to the top, including discussions. The times are flexible, and adjusted to the needs. Breaks will be included when necessary.</b>	
	Ocean column and surface water observations and measurements from Helmer Hansen	Anna S. /Benedicte F. CAGE
	Results on methane hydrates from summer analysed at NILU, questions and implications	Norbert (replaced by Stephen P.)
	Atmospheric measurements at RV Helmer Hanssen	Cathrine L. M. /Stephen P.
	The atmospheric relevant measurements from Zeppelin	Cathrine L. M./ Stephen P.
	Measurements from the FAAM flights	Carl P.
	Isotopic data and the first impressions of the analysis from the ship, flights, and Zeppelin	Dave L./Euan N.
	Organisation of data, meta data and access and sharing of data	Cathrine L. M.
<b>Thursday 27 November</b>		
09.00->	<p><b>Joint discussions and first interpretations. Maybe focused on some central questions:</b></p> <ul style="list-style-type: none"> <li>— Do we see signs of methane from ocean to atmosphere? Is this consistent?</li> <li>— Long range transport of CH<sub>4</sub> vs local and regional sources?</li> <li>— Do we have information from other institutions (USGC, GEOMAR)?</li> <li>— Hot spot region in the Barents sea; what do we see? Any flights over there?</li> <li>— How can we utilise ethane and propane measurement in the best way? Other trace gases we can think of now that is if interest?</li> <li>— Where do we see the first need for model studies and where to start?</li> <li>— Others... more can be added during the WS come!</li> </ul>	
	<p>Wrap up and next steps</p> <ul style="list-style-type: none"> <li>• Brief update on MOCA plans, (Cathrine), CAGE plans (Benedicte) and MAGIC/FAAM plans (Carl)</li> <li>• Any campaign plans for 2014? Any preparation necessary already now?</li> <li>• Organize further collaboration: Possible conferences/meetings (meeting points for more joint discussions? Potential papers we might see now?)</li> </ul>	
12.00	Lunch in the NILU canteen for those that have time!	



**Participant list:**

Anna Silyakova – CAGE/MOCA (UiT, Tromsø, Norway)

Benedicte Ferré – CAGE/MOCA (UiT, Tromsø, Norway)

Dave Lowry – MAGIC/FAAM (RHUL, UK)

Euan Nisbet – MAGIC/FAAM (RHUL, UK) (Maybe only one from RHUL.)

Carl Percival – MAGIC/FAAM (Uni. of Manchester, UK)

Rona Thompson – MOCA, (NILU, Norway)

Andreas Stohl – MOCA, maybe only parts of the meeting (NILU, Norway)

Ove Hermansen – MOCA, (NILU, Norway)

Stephen Platt – MOCA, (NILU, Norway)

Cathrine Lund Myhre – MOCA, (NILU, Norway)

Sonja Grossberndt – MOCA, (NILU, Norway)

**Might join or consider to participate partly on telephone/video:**

Jürgen Mienert – CAGE

John Pyle - MAGIC/FAAM (Univ. of Cambridge, UK)

Grant Allen - (Uni. of Manchester, UK)

Norbert Schmidbauer – NILU (on travel)

Ann Mari Fjaeraa – NILU (on travel)

