

# **Liverpool Marine Symposium – Monday 25<sup>th</sup> March 2013 – Nicholson Lecture Theatre**

9.00 - 9.30      Arrival – Coffee.

## **Phytoplankton community structure**

9.30 - 10.05	Anna Hickman	Shedding light on phytoplankton community structure
10.10 - 10.25	Andrew Barton	Linking plankton functional traits to community structure and function
10.25 - 10.40	Jonathan Sharples	Why do large phytoplankton like the shelf edge?
10.40 - 10.55	Ric Williams	Chaos in the phytoplankton community
10.55 - 11.15	Coffee Break	

## **Cycling of micronutrients**

11.15 - 11.50	Eric Achterberg	Iron biogeochemistry in the Atlantic and Southern Oceans
11.50 - 12.05	Nicholas Rogan	The MITgcm as an Iron modelling tool: Comparisons with more complex models and Data
12.05 - 12.20	Alessandro Tagliabue	Iron Bioavailability and Phytoplankton Demands
12.20 - 12.35	Pascal Salaün	Monitoring the dynamic fraction of trace elements: why ?
12.35 - 12.50	Stan van den Berg	Iron speciation in the presence of humic substances
12.50 - 14.00	Lunch - Coffee	

## **Carbon export: from surface to sediments**

14.00 - 14.35	Richard Sanders	The mesopelagic carbon budget of the PAP site
14.35 - 14.50	George Wolff	How the biological carbon pump operates in the Twilight Zone – new insights ?
14.50 - 15.05	Rachel Jeffreys	Do differences in surface water production influence benthic-pelagic coupling? A comparison between the W. Mediterranean and the NE Atlantic.
15.05 - 15.20	Charlotte Williams	The response of the community at subsurface chlorophyll maximum to an episodic wind event