

## **Mochras Revisited: a new global standard for Early Jurassic Earth History**

### **Overall Programme for ICDP Workshop.**

16<sup>th</sup>–18<sup>th</sup> March 2013. Field Excursion. Sinemurian–Toarcian succession, Cleveland Basin.

19<sup>th</sup> March 2013. Old core inspection and sampling. British Geological Survey, Keyworth, Nottingham.

20<sup>th</sup>–21<sup>st</sup> March 2013. Full Workshop, St Catherine's College, Oxford.

22<sup>nd</sup>–23<sup>rd</sup> March 2013. Field Excursion. Hettangian–Sinemurian succession, Bristol Channel Basin (not officially part of workshop).

## **Programme for Mochras Workshop - St Catherine's College, Oxford Day 1 (20th March)**

9.00 – 9.10	Welcome and practical arrangements
9.10 – 9.40	Project background and site logistics (Steve Hesselbo and Jim Riding)
9.40 – 11.00	Short Introductions (~15 people)
11.00 – 11.30	Coffee break
11.30 – 12.50	Short Introductions (~15 people).
12.50 – 14.30	Lunch
14.30 – 15.00 Chicxulub	ICDP proposals and projects: experience for Chesapeake Bay and (Ken Miller)
15.00 – 16.00	First breakout session
16.00 – 16.30	Tea break
16.30 – 17.30	Summary from breakout session
19.00 – 20.30	Dinner
20.30 – 23.00	Bar room chat...

## **Topics for 1<sup>st</sup> Breakout Session (working towards the full ICDP proposal)**

What are the first-order science questions that we want to address?

What are the key datasets that we need to achieve these aims?

Why drilling is needed to achieve answers to the first-order science questions.

What aspects of the project are poorly covered by the existing team membership?

Each group to produce summary slides(s) for group discussion after the tea break

## **Day 2 (21st March)**

Selected overviews:

9.00 – 9.30	State-of-the-art of Early Jurassic timescales (Linda Hinnov)
9.30 – 10.00	Perspectives from recent drilling in Germany (Bas Van de Schootbrugge)
10.00 – 10.30	Mochras in the context of Early Jurassic palaeoceanography and climate: combined modelling and data perspectives (Christian Bjerrum)
10.30 – 11.00	Tea and coffee
11.00 – 12.45	Second breakout session
12.45 – 14.00	Lunch
14.00 – 15.30	Second breakout session continued and discussion
15.30 – 16.00	Tea and coffee
16.00 – 17.00	Plenary discussion of breakout results
17.00 – 17.30	Wrap up
19.00 – 20.30	Dinner

## **Topics for 2<sup>nd</sup> Breakout Session (thematic work programmes)**

Outlines of *work programmes* (including practical considerations) around following themes:

- Drilling, logging and core handling
- Age model: cyclostratigraphy, palaeomagnetism, geochronology
- Chemostratigraphy
- Geochemical proxies (including chemical oceanography and models)
- Evolution, palaeoecology and biostratigraphy

*Each group to produce summary slides(s) for group discussion after lunch*

## **Wrap Up Topics**

Outreach

Site Survey Geophysics:

Seismic reflection (onshore)

Seismic reflection (inshore)

Gravity

Magnetics

Others?

Planning and Permitting Issues

National Nature Reserve

Workshop Photograph.....