**INCISE 2014 Draft Programme**

Sunday 28th September – Icebreaker reception

18:00 - 20:30: Apex International Hotel, 31-35 Grassmarket, Edinburgh. EH1 2HS

Monday 29th September

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| 08:30 | Registration |   |
| 09:00 | INCISE committee | Welcome |
| 09:15 | BGS Leader | Welcome - opening of conference |
| **Session 1: Canyon processes in the space-time continuum (formation, evolution, circulation)** |
|  09:30 | Keynote speaker: Aaron Micallef | A model for canyon geomorphic evolution in tectonically-active continental margins |
| 10:00 | Rob Hall | Sources and sinks of baroclinic energy along the Celtic Sea shelf slope: the effect of canyons and corrugations |
| 10:20 | Tahmeena Aslam | Internal waves in Whittard Canyon |
| 10:40 | Coffee Break |   |
| 11:10 | Vasily V. Titov | Role of Hudson Canyon as the source of the US East Coast non-seismic tsunamis |
| 11:30 | Maria Azpiroz | Temporal evolution of curvature-induced secondary flows during passage of a turbidity current in a submarine canyon bend |
| 11:50 | Silvia Ceramicola | Submarine canyon systems of the Calabrian margin: central Mediterranean Sea |
| 12:10 | Peter Harris | Polar submarine canyons are twice the average size of non-polar canyons – why? |
| 12:30 | Lunch |   |
| 13:20 | Jenny Gales | Processes influencing gully formation on high-latitude continental margins |
| 13:40 | Dorrik Stow | Contourite channels in the mid-slope Gulf of Cadiz, North Atlantic |
| **Session 2: New ways to study submarine canyons: integrated programmes, new technologies and coordinated monitoring efforts** |
| 14:00 | Peter J. Talling | Proposal for co-ordinated international efforts to study active turbidity current systems and their deposits at key test sites |
| 14:30 | Fabio de Leo | Barkley Canyon as a model for long-term oceanographic observations and deep-sea manipulative experiments |
| 14:50 | Coffee break |  |
| 15:20 | Marie-Claire Fabri | The development of an innovative underwater vehicle at IFREMER to meet new scientific exploration challenges |
| 15:40 | Andrew Davies | Can we use historical observation data for habitat suitability modelling? A case study from Baltimore Canyon, NW Atlantic. |
| 16:00 | Claudio Lo Iacono | Predictive Ensemble Maps for cold-water coral distributions in the Cap de Creus Canyon (NW Mediterranean) |
| 16:20 | Elizabeth Lobecker | NOAA Ship Okeanos Explorer Submarine Canyon Mapping Explorations |
| 16:40 | Poster session |  |
| 18:00 | Close of day |  |

Tuesday 30th September

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| 08:30 | Registration  |  |
| **Session 3: Patterns in submarine canyons: role of scale and heterogeneity** |
| 09:00 | Keynote speaker: Martha Nizinski | An integrated approach to predictive habitat suitability modeling and field surveys in Northwest Atlantic Submarine Canyons: model validation and habitat/faunal characterisation |
| 09:30 | Furu Mienis | Particle transport and deposition in Norfolk and Baltimore canyons, NW Atlantic |
| 09:50 | Inge Van Den Beld  | Distribution and diversity of scleractinian habitats in submarine canyons of the Bay of Biscay (NE Atlantic) |
| 10:10 | Martina Pierdomenico | Understanding the Hudson Submarine Canyon fishing "hotspot": the contribute of seafloor morphology, water mass dynamic and natural gas emission on marine biodiversity |
| 10:30 | Coffee break |   |
| 11:00 | Andrea Quattrini | Exploration of submarine canyons off the Northeast United States reveals dynamic habitats and diverse ecosystems |
| 11:20 | Khaira Ismail | Object based image analysis of sidescan sonar data for mapping sedimentological patterns in submarine canyons |
| 11:40 | Katleen Robert | Locating hotspots: Multi-scale analysis of biodiversity within a submarine canyon |
| 12:00 | Timothy M. Shank | Genetic surveys of Northeast Atlantic Submarine Canyon Fauna: initial phylogenetic and population genetic assessments |
| 12:20 | Sophie Arnaud | Past and contemporary connectivity of cold water coral reefs along European margins |
| 12:40 | lunch |   |
| 13:20 | Jaime Davies | Biodiversity comparison of two neighbouring canyons: Dangaard and Explorer Canyons, SW Approaches, UK |
| 13:40 | Laetitia M. Gunton | Deep-sea macrofaunal abundance and community composition in the Whittard Canyon and on the adjacent slope, NW Atlantic |
| 14:00 | Craig M. Robertson | Distinct benthic community trends driven by an enrichment paradox in Mid-Atlantic Bight canyons, NW Atlantic. |
| 14:20 | Steve Ross | Fish distribution and habitat use patterns within and near Baltimore and Norfolk canyons, US middle Atlantic coast |
| 14:40 | Discussion session (including coffee break) | Working groups will be set up during these sessions, these groups will address important questions about submarine canyons. |
| 16:30 | Poster session |  |
| 17:30 | Finish |  |
| 19:00 | Conference dinner | Apex International Hotel, 31-35 Grassmarket, Edinburgh. EH1 2HS |

Wednesday 1st October

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| 08:30 | Registration  |  |
| **Session 4: Submarine canyon conservation and policy development** |
| 09:00 | Keynote speaker: Ashley Rowden | Benthic communities of canyons are not always different from those at other deep-sea habitats: implications for canyon conservation. |
| 09:30 | Jeremy Potter | Marshalling US agency resources to investigate Atlantic submarine canyons |
| 09:50 | Pere Puig | Recent changes on sediment accumulation rates within submarine canyons caused by bottom trawling activities |
| 10:10 | Mecho A. | Benthic fauna in the submarine canyons of the north-western Mediterranean Sea |
| 10:30 | Coffee Break |  |
| 11:00 | Teresa Amaro | The response of deep-sea holoturians to an enrichment of organic matter in the Whittard Channel |
| 11:20 | Joan Company | The submarine canyon of Palamós (NW Mediterranean Sea): a new management strategy based in a participatory process between science, fishery stakeholders, NGOs and policy makers |
| 11:40 | Florence Sanchez | Improving and sharing knowledge to optimize management of a cross border canyon: The case of Capbreton canyon (France, Spain) |
| 12:00 | Hilary B. Moors-Murphy | Passive acoustic monitoring of cetaceans and observations of ambient ocean noise in the Gully Marine Protected Area and adjacent areas of the Scotian Slope |
| 12:20 | lunch | Benthic communities of canyons are not always different from those at other deep-sea habitats: implications for canyon conservation. |
| 13:10 | Discussion session | Summary of previous days discussion session |
| 14:30 | INCISE committee | Conference closure, where next? |
| 15:00 | Close of conference |  |