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FRIDAY 18TH FEBRUARY

11.00 Registration in James Mitchell Geology Museum
13.00 – 18.00 Field Trip: Gort/Kinvarra Hydrogeology
19.30 – 20.30 IGA Guest Lecture: The Megaflood which started the Younger Dryas?
Dr. Mark D. Bateman
20.30 – 21.30 Reception, Aula Maxima

SATURDAY 19TH FEBRUARY

08.00 Registration in Arts Millennium Foyer

SESSION ONE: QUATERNARY AND HOLOCENE PALAEOENVIRONMENTS

09.00 – 09.15 Opening of IGRM2011 by Prof. Tom Sherry, Dean, College of Science, NUI Galway

09.15 – 09.45 Evidence for iceberg calving from the British-Irish Ice Sheet at the start of the Pleistocene (2.5 Ma): was the initiation of northern hemisphere glaciation more widespread than previously assumed?
M. Thierens, A. Wheeler, S. Tyrrell and B. Dorschel

10.00 – 10.45 Geomorphological and sedimentological record of the British-Irish Ice Sheet on the western Irish continental Margin
Sara Benetti, Colm Ó Cofaigh, Paul Dunlop, Fabio Sacchetti, Mark Cooper, Ian Meighan, Aggeliki Georgioupolou, Anna Carson

10.45 – 11.00 The nature and timing of interstadial events during Marine Isotope Stages (MIS) 2 and 3; constraints from U-series dated speleothems in Crag cave, Co.Kerry
A. Fankhauser*, F. McDermott and D. Fleitmann

11.00 – 11.15 Planetesimal recycling and the production of chondrules at 2 Myr
I. S. Sanders and E. R. D. Scott

11.15 – 11.30 Lithospheric Flexure Shaping Olympus Mons, Mars
P. K. Byrne*, B. van Wyk de Vries, E. P. Holohan, J. B. Murray, V. R. Troll

11.30 – 11.45 Parental magma composition of the syn-tectonic Dawros peridotite chromitites, NW Connemara, Ireland
E. Hunt*, B. O’Driscoll and J.S. Daly

11.45 – 12.00 Deep crustal metasedimentary xenoliths of the Scottish Midland Valley record Middle Devonian metamorphism of Wenlock sediments
E. Badenszki*, J.S. Daly and M.J. Whitehouse

12.00 – 12.15 Emplacement of the earliest phases of the Galway Granite
William McCarthy*, R. J. Reavy, C. T. Stevenson, M. Feely

12.15 – 12.45 The kinship between carbonatites and lamprophyres: evidence from the southwest coast of Ireland
A. Brady* and K. R. Moore

12.30 – 12.45 Preliminary Analysis of LP Events at Piton de la Fournaise, La Réunion
Megan Zecevic*, Louis De Barros, Gareth S. O’Brien, Christopher J. Bean, and Florent Brenguier

12.45 – 13.45 Break for lunch

SESSION THREE: MINERALS, RESOURCES, AND ENVIRONMENTS

13.45 – 14.00 Granite-related Mo-Cu mineralisation at Moly Brook, southern Newfoundland: Mineralogical, lithogeochemical and Sm-Nd isotopic constraints on the nature of the causative magmatism
E.P. Lynch*, M. Feely, D. Selby and D.H.C. Wilton

10.30 – 11.00 Tea/Coffee and Posters

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10.30 – 10.45 Understanding groundwater flows and tidal effects on a karst aquifer in the Burren, Co. Clare, Ireland. ...................... M. Perrigoué* and J. Henry

10.45 – 11.15 Tea/Coffee and Posters

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14.00 – 14.15 Dynamics of subduction, accretion, exhumation and slab roll-back: Mediterranean scenarios .................................................. C. Tiel, J.-P. Brun, E. Burov and S. Lebedev

14.15 – 14.30 Plate interface coupling and tsunami hazard ......................... John McCloskey, Fabrizio Romano, Stefano Lorito and Alessio Piatanesi


14.45 – 15.00 Cephalopods as benthic islands on a muddy sea floor, Brigantian (Carboniferous; late Mississippian) Bellavally and Carraun Shale Formations, County Leitrim .................................. Mareike Schmidt, Dieter Korn, George Sevastopulo, Frank Wiese

15.00 – 15.15 Mississippian microbial mounds and coral reefs from Morocco ............................................................ I. D. Somerville, S. Rodriguez, I. Said & P. Còzar


15.30 – 15.45 Integrating socio-historical and geological elements of the Connemara and Burren landscapes using KML and COLLADA in Google Earth .................................................. Ronan Hennessy

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