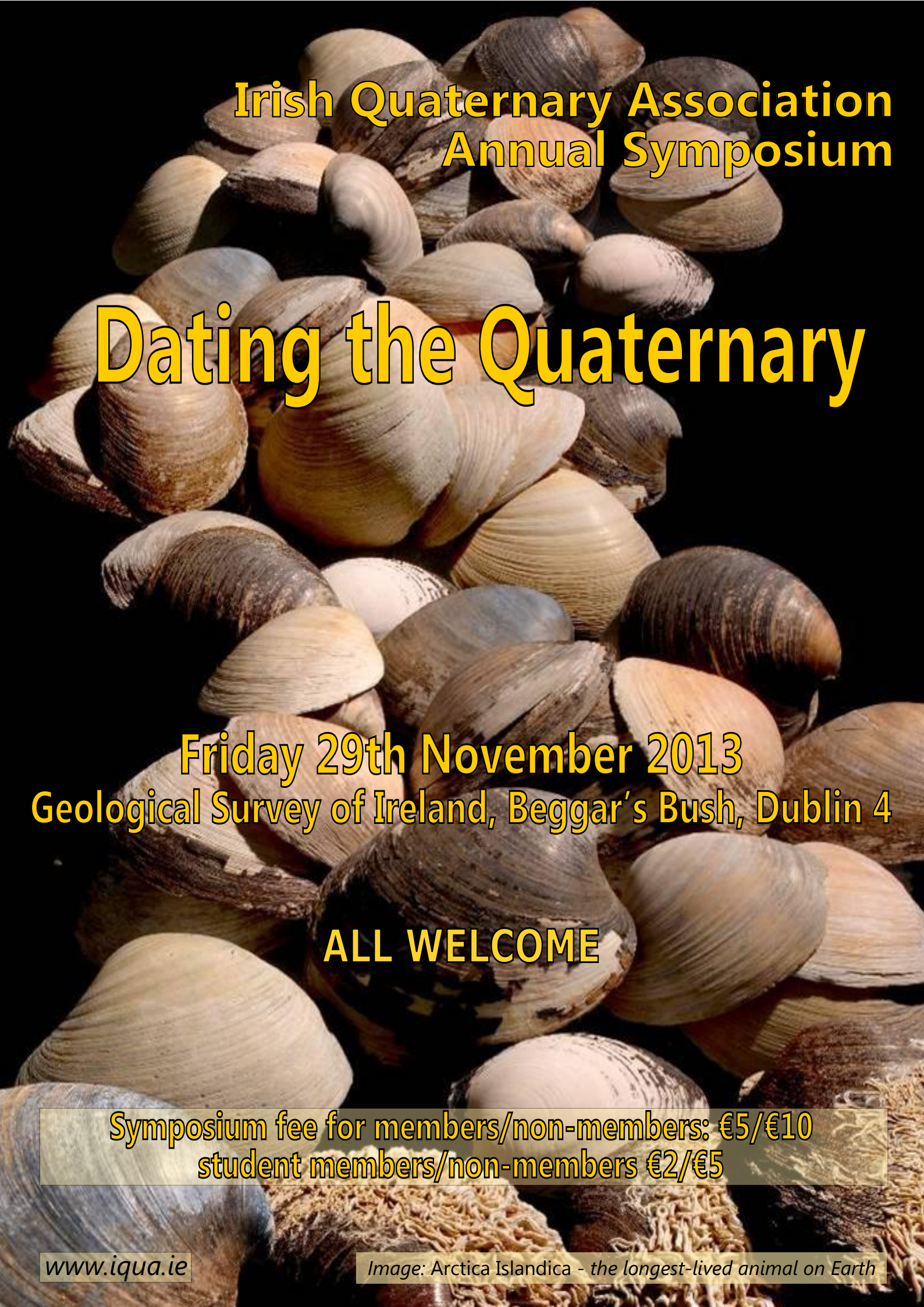




**Irish Quaternary Association
Annual Symposium**

Dating the Quaternary

Friday 29th November 2013

Geological Survey of Ireland, Beggar's Bush, Dublin 4

ALL WELCOME

**Symposium fee for members/non-members: €5/€10
student members/non-members €2/€5**

Dating the Quaternary

Symposium schedule

09:30 - 10:00 Registration/Tea/Coffee

10:00 - 10:10 Welcome

Keynote Speaker

10:10 - 10:55 **Prof. James Scourse:** *Annually-resolved records of marine climate change from the longest-lived animals on Earth*

10:55 - 11:20 **Dr. Graeme Swindles:** Holocene climate change in Ireland: chronological and other problems

11:20 - 11:45 Tea/Coffee

11:45 - 12:10 **Dr. Gill Plunkett:** *Joining dots in time and space: an overview of tephrochronology in Ireland*

12:10 - 12:35 **Prof. Colin Ballantyne:** The last glacial stage in Ireland: implications of exposure dating using cosmogenic isotopes

12:35 - 14:00 Lunch

14:00 - 14:20 **Beatrice Kelly:** *Demonstration of the Heritage Viewer*

14:20 - 14:45 **Dr. Evelyn Keaveney:** *Radiocarbon as a tool to trace carbon in a complex lake system*

14:45 - 15:10 **Dr. Maarten Blaauw:** *Signal and variability within a Holocene peat bog - four replicate C14 dated cores do not tell the same story*

15:10 - 15:35 Tea/Coffee

15:35 - 16:00 **Dr. Matt Telfer:** *Luminescence dating of raised beaches: New data for an old problem*

16:00 - 16:35 **Prof. Ron Pinhasi:** *The Middle-Upper Palaeolithic transition and Neanderthal extinction in the Caucasus and beyond*

16:35 - 17:00 Discussion

The symposium will be followed by the announcement of this year's grant awards and a reception

Irish Quaternary Association Annual Symposium