



LIVERPOOL GEOLOGICAL SOCIETY

NEWSLETTER

31/10/2017

Your first visit to an LGS meeting?

If you are unsure about finding Lecture Theatre 137 in Liverpool John Moores University, Byrom Street there will be someone in the entrance hall until 7.20pm on the evening of the lecture to show where we meet.

Tea/ coffee before the indoor meetings

Please note that we are having difficulties gaining access to fresh water to make refreshments at the front of the lecture theatre prior to the lecture. Please note that in term time, Starbucks Coffee Company, Byrom Street should be open until 7.00pm during the week.

The following will be proposed for membership at the meeting on 7th November:

Bradley Falcus

Members evening

**November 7th
meeting at 7.30pm
in Lecture Theatre 137 of Liverpool John Moores University,
Byrom Street L3 3AF**

Keith Nicholls

"I will present a series of thin sections of the Hirnant Limestone (Bala) recovered from the Sedgwick Museum. I will give the briefest of introductions to the geological background of the HL and how I came across the slides."

Chris Hunt

The Nov 2016 New Zealand Earthquake

Landslips, cows, tsunami, faults; definitely no whales; and fantasy?

Philip Firth

Volcano tour of Indonesia in 2016

Indonesia is made up of an archipelago of islands that extends for over 5000 km from east to west. Indonesia also has the greatest number and density of active volcanoes on the planet, some capable of producing particularly explosive and deadly eruptions, for example the Tambora eruption in 1815 (the largest known eruption during historical times, "the year without summer"). This presentation will describe my two month and 4000 km volcano tour of the Indonesian islands of Flores, Sumbawa, Lombok, Bali Java and Sumatra in 2016 making use of photographs taken on route.

ADVANCED NOTICE

November 21

Joint Meeting with the Herdman Society
at University of Liverpool

Dr Roger Suthren

University of Derby

Geology of Wine – Languedoc, France Please note that this joint meeting with the Herdman Society will take place at Liverpool University (details will follow). Admission will be by ticket (price £2.50). There will only be 50 tickets for LGS members and they will be on sale up to 9pm at the next meeting (November 7th) from Chris Hunt, after which unsold ones will go to the Herdman Society. Those unable to attend can obtain tickets by post from - 47 Mayfair Close, Great Sankey, WA5 3PL by sending a stamped addressed envelope and cheques payable to Herdman society before 7th November.

Winners of the Liverpool Geological Society's prizes for student results 2017

Hannah East - Liverpool John Moores University

Hannah graduated with a first-class degree in BSc Geography having the highest mark in her year by quite some margin (84%). She has been exceptional throughout her studies being consistently at the top, producing work of outstanding quality. The best example demonstrating that was her Honours project. This was in the field of deep sea biogeochemistry. Hannah investigated the nutritional quality of particulate organic matter (POM) available to vulnerable marine (deep sea) ecosystems (VMEs), cold water corals, located in a large submarine canyon off the Celtic Sea. The work was demanding, Hannah had a steep learning curve. Despite that, the outcome was exceptionally good with Hannah demonstrating her knowledge in deep sea ecosystem functions. The work provided new insights in our understanding of these mechanisms and it is on the way to be published in a peer reviewed journal as part of bigger study.

University of Liverpool prize winners

LGS prize for overall excellence in BSc Geology – Isaac Onyett

Isaac Onyett has proved to be a very talented Earth Scientist, maintaining overall first class marks across his three years studying Geology at the University of Liverpool. His dissertation mapping project on the geology of the Central Strath region of the Isle of Skye, Scotland, was graded as excellent by his examiners. Isaac is a genuine all-rounder and has demonstrated expertise in structural geology, metamorphic processes, sedimentology and igneous petrology. His determination, perseverance, natural curiosity and dedication to his studies resulted in him graduating with a very strong first class honours degree. Since graduating, Isaac has taken up a postgraduate masters degree in Geochemistry and Solid Rock Petrology at the University of Copenhagen.

LGS prize for overall excellence in BSc Geology and Physical Geography – Katrina Riches

Katrina Riches completed her degree in Geology and Physical Geography at the University of Liverpool in June 2017, graduating with a very well deserved first class result. She excelled particularly in structural and engineering geology and completed her independent project on the "Mapping and reconstruction of extreme paleoflood events in Mickleden Valley, Lake District using lichenometry and HEC-RAS modelling". The project used a range of different approaches to date, map and reconstruct flood levels over the last 100 years in the valley, and her work has illustrated how the approach can provide valuable flood risk information for areas where little other data is available.

LGS prize for overall excellence in BSc Geophysics – James Longworth

James Longworth graduated with a degree in Geophysics (Physics) in 2017, with a very strong first-class classification. He was dedicated, self-driving, and very quietly self-reflective of the material to which he was exposed, and showed clear perspective and appropriate action to all problems that he came across. He worked on a final year project entitled "Virtual Geomagnetic Observatories – the Core from Space", concerning developing data analysis methods for dealing with geomagnetic data, where he produced interesting and innovative work. His Earth science training has prepared him well to deal with the rather inexact and imprecise nature of "real life".

CONTACTS

To make contact with officers of the society, please use the addresses given here.
This information is also available on the contacts page of the website at:
www.liverpoolgeologicalsociety.org

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