



# LIVERPOOL GEOLOGICAL SOCIETY

## NEWSLETTER

24/09/2018

Welcome to the first Newsletter of the 160th Session

*For new members, we meet informally before the lecture in the foyer of the John Moores University building on Byrom Street and go to the lecture theatre about 7.20pm.*

PRESIDENTIAL ADDRESS - 2nd October 2018

**Professor Jim Marshall**

*meeting at 7.30pm*

*in Lecture Theatre 137 of Liverpool John Moores University,  
Byrom Street L3 3AF*

### **Phosphorous: Geology, Life and us.**

Phosphorus, an essential component of all known living organisms, is derived from rocks! Many of the key events in earth history, can be linked to significant changes in the natural utilisation of phosphorus. Examples include major steps in evolution, including the origin of life itself and the origin of bony skeletons, like ours. Contemporary human civilisation relies heavily on the use of artificial fertilisers and the exploitation of geological phosphate deposits. Our waste contributes to eutrophication and environmental destruction. Find out how we are all, intimately, part of the geological phosphorous cycle

9th October 2018

**Dr John Piper (emeritus Liverpool University)**

### **Lid Tectonics to Plate Tectonics: Tectonic Journey of the Early Earth**

*meeting at 7.30pm*

*in the Lecture Theatre 137 of Liverpool John Moores University,  
Byrom Street L3 3AF*

Before John Piper's lecture, there will be an opportunity to join members of council who will bring some (small) rock samples to the foyer for an informal discussion about them (at about 6.50-7pm) . We are doing this as a trial to see if there is any interest - so if you want it, come and join in.

### **Programme.**

Those of you who have glanced at the website: [www.liverpoolgeologicalsociety.org](http://www.liverpoolgeologicalsociety.org) will have seen that the secretaries have arranged more lectures, workshops and excursions than in previous years, thanks to Chris Hunt & Maggie Williams. We hope to have the Society membership cards ready for the first meeting,

### **FROM THE TREASURER**

Subscriptions for the 2018 - 2019 session are due on the 1st October 2018, ALL enquires regarding membership of the Society to the Honorary Treasurer at [g.t.b\\_lgs@hotmail.co.uk](mailto:g.t.b_lgs@hotmail.co.uk)

Those wishing to take advantage of a Standing Order Mandate to pay their subscriptions and save worrying each year about paying their subscriptions please contact me (Honorary Treasurer) and I will supply you our bank details, this can be completed online or by going to your bank in person.  
Subscription rates are: £15 for full members and £5 for student members (full time students).

Those members who subscribe to the Geological Journal, the yearly subscription price is £64.00 for 2018-2019.

Mr Gary T Billington  
Honorary Treasurer  
Liverpool Geological Society  
4 Lewisham Road  
Liverpool L11 1EF

## **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](http://www.liverpoolgeologicalsociety.org)

and also at:

[lgs.website](http://lgs.website).

### **Money and membership:**

Mr Gary T Billington  
Honorary Treasurer  
Liverpool Geological Society  
4 Lewisham Road  
Liverpool L11 1EF

### *Indoor meetings:*

Chris Hunt at:  
[chris1972scfc@outlook.com](mailto:chris1972scfc@outlook.com)

### **Excursions:**

Maggie Williams at:  
[hiatus@liv.ac.uk](mailto:hiatus@liv.ac.uk)

### **Other matters:**

Joe Crossley  
Honorary Secretary  
Liverpool Geological Society  
School of Natural Sciences and Psychology  
Liverpool John Moores University  
Byrom Street L3 3AF