

- ○ National Meetings <sup>[1]</sup>

**Date:** Wednesday 3 April 2019

**Time:** 14:00 - 18:00

**Location:**

Imperial College London  
Periodicals Section  
Central Library  
South Kensington Campus  
London  
SW7 2AZ  
UK

**Email:**

[meetings@rmets.org](mailto:meetings@rmets.org) <sup>[2]</sup>

The last time carbon dioxide was so plentiful in our planet's atmosphere was in the Pliocene era, around 3 million years ago. Life on Earth was dominated by giant mammals; humans and chimps had shared their last common ancestor. Although the sun's force was about the same, the sea levels were 15 metres higher and Arctic summer temperatures were 14 degrees higher than the present day.

Come to this meeting to hear about the climatic conditions in the Pliocene, how we know this, and what it tells us about our modern climate. If the effects of human-induced climate change are slow to act, or a tipping point is yet to be reached, what does the

science tell us to expect?

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