

The Climate and Chronology group aims to bring together like-minded individuals in an informal setting with a shared goal to: produce stimulating discussions, disseminate high quality data, and learn more about current research. We welcome anyone who is interested in climate and/or chronology.

## Research Laboratory for Archaeology and the History of Art

Climate and Chronology Group

Term Card – HT 2019

Lecture Theatre, 1 South Parks Road, Tuesdays 12-1 pm

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### **Week 1 – 15<sup>th</sup> January**

**WELCOME BACK PUB LUNCH AT THE ROYAL OAK |**

*Get to know one another better with drink + food + informal discussion. Meet at SPR1 entrance at 12 pm for 12.10 pm reservation. Email co-ordinators to reserve space.*

### **Week 2 – 22<sup>nd</sup> January**

**PROF. CHRISTOPHER BRONK RAMSEY |** RLAHA, University of Oxford |

*Progress towards an integrated approach for chronological projects*

### **Week 3 – 29<sup>th</sup> January – 12.10 pm – 1.30 pm**

**A PANEL DISCUSSION: USING SOCIAL MEDIA IN SCIENCE |**

**GUESTS: PROF. DAVID PYLE | NYREE MANOUKIAN | RICHARD THOMAS | LUCY KISSICK |**

*Social media is used daily by most people and is an excellent way to convey research to other scientists and the public, but how do we best do this, and what problems could arise?*

### **Week 4 – 5<sup>th</sup> February**

**PROF. TOM HIGHAM |** Director of ORAU | RLAHA, University of Oxford |

*Tracking the earliest anatomically modern humans across northern Eurasia*

### **Week 5 – 12<sup>th</sup> February**

**DR. DAVE CHIVALL |** Chemistry Laboratory Manager | RLAHA, University of Oxford |

*An introduction to, and tour of, the new Oxford Micadas Accelerator Mass Spectrometer (AMS) for radiocarbon dating*

### **Week 6 – 19<sup>th</sup> February**

**PAPER DISCUSSION |** *Please read both papers before the talk*

**HOLDAWAY ET AL. 2018 |** *Evidence for magmatic carbon bias in <sup>14</sup>C dating of the Taupo and other major eruptions | Nature Communications | DOI:10.1038/s41467-018-06357-0 |*

**MANNING ET AL., 2017 |** *Volcanic suppression of Nile summer flooding triggers revolt and constrains interstate conflict in ancient Egypt | Nature Communications | DOI:10.1038/s41467-017-00957-y |*

### **Week 7 – 26<sup>th</sup> February**

**SHOW AND TELL |**

*An informal session providing an opportunity to showcase and discuss an object, figure/diagram or some preliminary work.*

### **Week 8 – 5<sup>th</sup> March \*\*POSTPONED UNTIL TRINITY TERM\*\***

**HAMISH COUPER |** PhD candidate | Department of Earth Sciences, University of Oxford |

*Assessing periods of past humidity in North Africa using Speleothem-Geochemistry*

**To be added to the mailing list please contact:**

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