



The Geological Society

servicing science & profession



# Western Regional Group

## The Rise and Fall of the Last British-Irish Ice Sheet

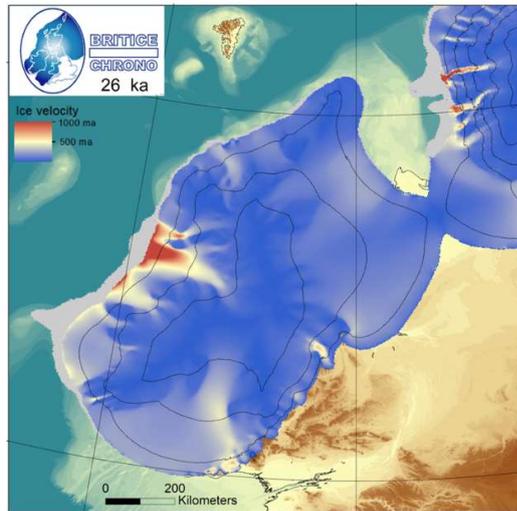
*Professor Christopher Clark, University of Sheffield*

Tuesday 18<sup>th</sup> May 2021

Zoom Talk: opens at 6pm for 6:30pm Start

The Western Regional Group is pleased to welcome Prof Chris Clark who will discuss evidence for the rise and fall of the last British-Irish Ice Sheet.

In this talk he will summarise what we now know about the ice sheet based on the results of the BRITICE-CHRONO project which ended in 2018 and involved over 40 scientists. The BRITICE-CHRONO team conducted >1500 person-days of field data collection (terrestrial and marine) including sampling from 28 islands (e.g. Foula and Scilly Rock) and acquiring 18,000 line-kilometres of marine geophysical data. Sampling for dating ice retreat was spread across 914 sites with samples totaling ~ 15 tonnes of sand, mud and rock.



After laboratory analyses the project generated 639 new ages: 336 radiocarbon; 157 TCN; 156 OSL. These were used to build a reconstruction through time of the rise and fall of the ice sheet, which will be shown as simulations along with new maps of glacial landforms.

Chris Clark is the Sorby Chair of Geoscience in the Geography Department, University of Sheffield. He was an undergraduate at Aberystwyth, did his PhD in the Grant Institute of Geology in Edinburgh, and has been lecturing at Sheffield since 1990. He lives on and runs a small sheep farm in the Peak District.

**Zoom Details:** When: 18<sup>th</sup> May 2021, 06:30 PM London

<https://us02web.zoom.us/j/82474755289?pwd=VmZiMUxQSmNxa05rTW93azh4MW9KZz09>

After registering, you will receive a confirmation email containing information about joining the meeting.

Entry is free, non-members welcome.

**e-mail**

Get in touch

[westernregionalgroup@gmail.com](mailto:westernregionalgroup@gmail.com)

**www**

Find us on the web

[www.geolsoc.org.uk/wrg](http://www.geolsoc.org.uk/wrg)



Connect on LinkedIn

[WRG ID: 2670120](#)



Follow us on Twitter

[@WRG\\_GeolSoc](#)

Geological Society, Burlington House, Piccadilly, London, W1J 0BG

Tel: +44 (0)20 7434 9944

Fax: +44 (0)20 7439 8975

Email: [enquiries@geolsoc.org.uk](mailto:enquiries@geolsoc.org.uk)

Web: [www.geolsoc.org.uk](http://www.geolsoc.org.uk)

Registered Charity No. 210161