

Climate: past present and future?

The Geologists' Association Annual Conference

Cardiff 21 - 22 October 2017

Programme

Saturday 21st October

Reardon Smith Lecture Theatre, Amgueddfa Cymru - National Museum of Wales
Cathays Park, Cardiff, Wales CF10 3NP

Lectures:

Colin Summerhayes - Earth's climate evolution - a new geological perspective

Ian Fairchild - Snowball Earth

Dianne Edwards - The impact of pioneering colonisers of the
land on the biosphere, lithosphere and atmosphere

Chris Berry - Devonian plants, forests, atmospheres and climates

Chris Cleal - Come visit the jungles of south Wales - the Carboniferous coal-swamps

Andy Newell - Environmental impact of extreme climate change at the Permo-Triassic boundary

Hugh Jenkyns - The Cretaceous greenhouse climate

Carrie Lear - Descent into the Icehouse: A Cenozoic perspective on climate change
and ice sheet stability

Suzanne Bevan - Antarctic ice shelf warming

Jan Zalasiewicz - The Anthropocene

Conference dinner at the Park Plaza Hotel, Greyfriars Road, Cardiff

Sunday 22nd October - Field excursions

The last glaciation of Wales- John Hiemstra

Recent work has cast serious doubt on the supposedly established number, timing, style and extent of glaciations that have affected the Gower peninsula in south Wales. These new insights have potentially far-reaching implications. During this visit we will address some critical questions:

If not at Rotherslade, where was the western limit of LGM ice? Are there any exposures of in situ subglacial till on Gower? Is the Paviland moraine really a moraine? If so, is it as old as proposed in the literature?

Fforest Fawr Geopark - Alan Bowring

Visit the former industrial hamlet of Penwyllt (quarrying and firebrick manufacture) set on the edge of Ogof Ffynnon Ddu National Nature Reserve designated for Britain's deepest cave and the more accessible surface elements of this karst area. And we'll take a closer look at the Variscan anticline of Cribarth, a limestone and sandstone ridge which overlooks the Geopark on its western side; it too has significant karstic and industrial archaeological interest.

Building Stones in Cardiff - Welsh Stone Forum

Pre-conference Events include:

Tours of the Evolution of Wales exhibition and behind the scenes at
Amgueddfa Cymru - National Museum of Wales, Friday 20th October, beginning at 3pm

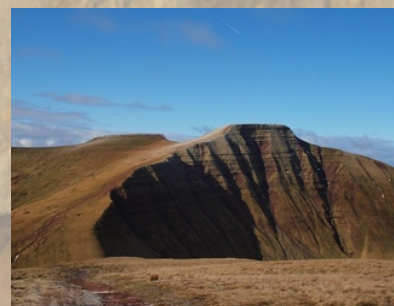
Get together for a meal / drink with the conference organisers, on the evening of the 20th October
at the Slug and Lettuce The Friary, Cardiff. CF10 3FA from 7:30.

NB This is a change from the planned venue

For more information and to register visit:

www.geologistsassociation.org.uk

or email: conference@geologistsassociation.org.uk



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