

CEED: Conceiving Earth Evolution and Dynamics

In honour of Trond. H. Torsvik, University of Oslo, Norway

17-20 October 2017

ULL*, San Cristóbal de La Laguna, Tenerife North ([Map](#))

PROGRAMME

Tuesday 17 October **Earth History, Paleomagnetism and Paleogeography**

9:00 Welcome: Carmen Gaina

Session 1.1. Chair: Evgeniy Kulakov

09:10 - 09:40 Keynote · Rob van der Voo: Carbonate remagnetizations: A blessing or a curse?

09:50 - 10:10 Stephen Johnston: A Pangean Terrane Wreck?

10:10 - 10:25 Lew Ashwal: Crustal Evolution and the Temporality Of Anorthosites

10:25 - 10:40 Sue Webb: The regional and global importance of Bushveld geophysical data

10:40 - 11:00 coffee break

Session 1.2. Chair: Hans Jørgen Kjøll

11:00 - 11:30 Keynote · Dennis Kent: Tracking Rapid Polar Shifts

11:40 - 12:00 Pavel Doubrovine: True polar wander according to Torsvik (and others)

12:00 - 12:20 Morgan Jones: Constraining shifts in North Atlantic plate motions during the Palaeocene by U-Pb dating of Svalbard tephra layers

12:20 - 12:50 Keynote · Lauri Pesonen: Nordic Paleomagnetic Workshops - the key role by Trond Torsvik

12:50 - 14:00 Lunch ULL

Session 1.3. Chair: Grace Shephard

14:00 - 14:30 Keynote · Conall Mac Niocaill: Does the kiss of a LIP ever linger for long?

14:40 - 15:00 Andy Biggin: Bridging the mantle: A comparison of geomagnetic polarity reversal rate, global subduction flux, and true polar wander records

15:00 - 15:20 Elvira Mulyukova: Collapse of Passive Margins by Lithospheric Damage and Plunging Grain Size

15:20 - 15:40 Jörg Ebbing: Antarctica- The last continent

15:40 - 16:00 Mat Domeier: Plate tectonic modelling in pre-Jurassic time

Posters

16:00 - Poster presentations, (2 minutes each)

Posters in portrait format

Drinks & posters at ULL



Wednesday 18 October **Deep Earth and Mantle Dynamics**

Session 2.1. Chair: Antoniette Grima

09:00 - 09:30 Keynote · Claudio Faccenna: Mantle dynamics in the Mediterranean

09:40 - 10:00 Dave Bercovici: Plate tectonics from grains to global scales: Grain-damage, grain-mixing and tectonic hysteresis

10:00 - 10:20 Maria Tsekhmistrenko: Multifrequency tomography of P and S waves using ocean bottom seismometers in the Indian Ocean

10:20 - 10:40 Bernhard Steinberger: How plume-ridge interaction shapes the distribution of volcanics in the oceans

10:40 - 11:00 Stephanie Werner: What shapes a planet – Extra-terrestrial examples

11:00 - 11:30 coffee break

Session 2.2. Chair Valentina Magni

11:30 - 12:00 Keynote · Carolina Lithgow-Bertelloni: Dynamic Topography and Surface Deformation

12:00 - 12:20 Clint Conrad: Tectonic Reconstructions of Dynamic Topography and Sea Level

12:20 - 12:40 Fabio Crameri: Abrupt Upper-Plate Tilting During Slab–Transition-Zone Collision

12:40 - 13:00 Wim Spakman: Absolute plate motion, slab dragging, and the recent geodynamic evolution of the western Mediterranean region

13:00 - 14:30 Lunch at ULL

Session 2.3. Chair: Kiran Chotalia

14:30 - 15:00 Keynote · Karin Sigloch: New views on slabs and plumes, and their links to the surface

15:10 - 15:40 Else Ragnhild Neumann & Erik Wulff-Pedersen: The geology of the Canary Islands

15:40 - 16:00 Keynote · Trond H. Torsvik: Earth history from Wegener to ME

18:40 bus transport from Hotel LAGUNA NIVARIA to Bodega Monje

19:00 Conference dinner at BODEGA MONJE, Calle Cruz de Leandro, 36, 38360 El Sauzal, Santa Cruz de Tenerife

Thursday 19 October **Field trip**

09:00 - 17:00 Mini buses from Hotel LAGUNA NIVARIA, Plaza del Adelantado, 11, 38201 San Cristóbal de La Laguna.

The excursion guide is part of the conference abstract booklet

Friday 20 October **Young Scientist Forum & CEED Board meeting**

Hotel LAGUNA NIVARIA

Plaza del Adelantado, 11, 38201 San Cristóbal de La Laguna, Santa Cruz de Tenerife

09:30 - 13:00 Room 1 **Young scientist forum** (CEED&guests Early Career Researchers)

09:30 - 13:00 Room 2 **CEED Board meeting** (12 participants)

13:00 - 14:00 Lunch break

19:00 Welcome drinks at PATIO PANARIO for the Board, invited guests and team leaders

19:30 Board dinner at PATIO PANARIO, Calle Manuel de Ossuna, 8, 38202 San Cristóbal de La Laguna, Santa Cruz de Tenerife

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* Oral presentations