

Evolution of the Earth System from the Early Earth to the Quaternary

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and Introduction

Thursday 26 October 2023 09:00 (15 minutes)

Presenters: SACHSE, Dirk (GFZ Potsdam); GLEESON, Sarah

Contribution ID: 2

Type: **not specified**

Communicating Geological Knowledge for Sustainability

Thursday 26 October 2023 09:15 (15 minutes)

Presenter: BARTELS, Marianne

Session Classification: Block 1

Contribution ID: 3

Type: **not specified**

Lithospheric structure and the geodynamic evolution of a tectonic system

Thursday 26 October 2023 09:45 (15 minutes)

Presenter: BOTT, Judith

Session Classification: Block 1

Contribution ID: 4

Type: **not specified**

Tectono and thermochronological toolkits

Thursday 26 October 2023 10:00 (15 minutes)

Presenter: GLODNY, Johannes

Session Classification: Block 1

Contribution ID: 5

Type: **not specified**

Coupled geodynamic and landscape evolution models

Thursday 26 October 2023 10:15 (15 minutes)

Presenters: DAVIES, Hannah; WOLF, Sebastian

Session Classification: Block 1

Contribution ID: 6

Type: **not specified**

Phanerozoic plate boundary evolution and its impact on the deep carbon cycle

Thursday 26 October 2023 11:00 (15 minutes)

Presenter: BRUNE, Sascha

Session Classification: Block 2

Contribution ID: 7

Type: **not specified**

Weathering and the long-term carbon cycle

Thursday 26 October 2023 11:15 (15 minutes)

Presenter: FRINGS, Patrick

Session Classification: Block 2

Contribution ID: 8

Type: **not specified**

Constraining the timing of the full oxygenation of the Earth's oceans

Thursday 26 October 2023 11:30 (15 minutes)

Presenter: BOBROVSKIY, Ilya

Session Classification: Block 2

Contribution ID: 9

Type: **not specified**

Connections between seawater chemistry and Zn metallogenesis in the mid-Proterozoic

Thursday 26 October 2023 11:45 (15 minutes)

Presenter: MAGNALL, Joe

Session Classification: Block 2

Contribution ID: **10**

Type: **not specified**

Subsurface biosphere genomics - Lake Towuti (early oceans analogue)

Thursday 26 October 2023 12:00 (15 minutes)

Presenters: RUIZ BLAS, Fatima; VUILLEMIN, Aurele

Session Classification: Block 2

Contribution ID: 11

Type: **not specified**

Thermochronology, geomorphology, cosmogenic nuclides

Thursday 26 October 2023 13:30 (15 minutes)

Presenter: SCHILDGEN, Taylor

Session Classification: Block 3

Contribution ID: 12

Type: **not specified**

Sediments: from yesterday to the deep-past

Thursday 26 October 2023 13:45 (15 minutes)

Presenters: BLANCHET, Cecile; HELLE, Gerd; RIK, Tjallingii

Session Classification: Block 3

Contribution ID: 13

Type: **not specified**

Quaternary, global sea level reconstructions

Thursday 26 October 2023 14:00 (15 minutes)

Presenter: KLEMMANN, Volker

Session Classification: Block 3

Contribution ID: **14**

Type: **not specified**

Geomagnetism and isotope / Earth's interior evolution

Thursday 26 October 2023 14:15 (15 minutes)

Presenter: KORTE, Monika

Session Classification: Block 3

Contribution ID: 15

Type: **not specified**

SIMS and climate archives

Thursday 26 October 2023 14:30 (15 minutes)

Presenter: MICHAEL, Wiedenbeck

Session Classification: Block 3

Contribution ID: 16

Type: **not specified**

Subduction and plate tectonics in the Hadean and Archean

Thursday 26 October 2023 09:30 (15 minutes)

Presenters: SOBOLEV, Stephan; JAIN, Charitra

Session Classification: Block 1

Contribution ID: 17

Type: **not specified**

Discussion

Thursday 26 October 2023 15:00 (1 hour)