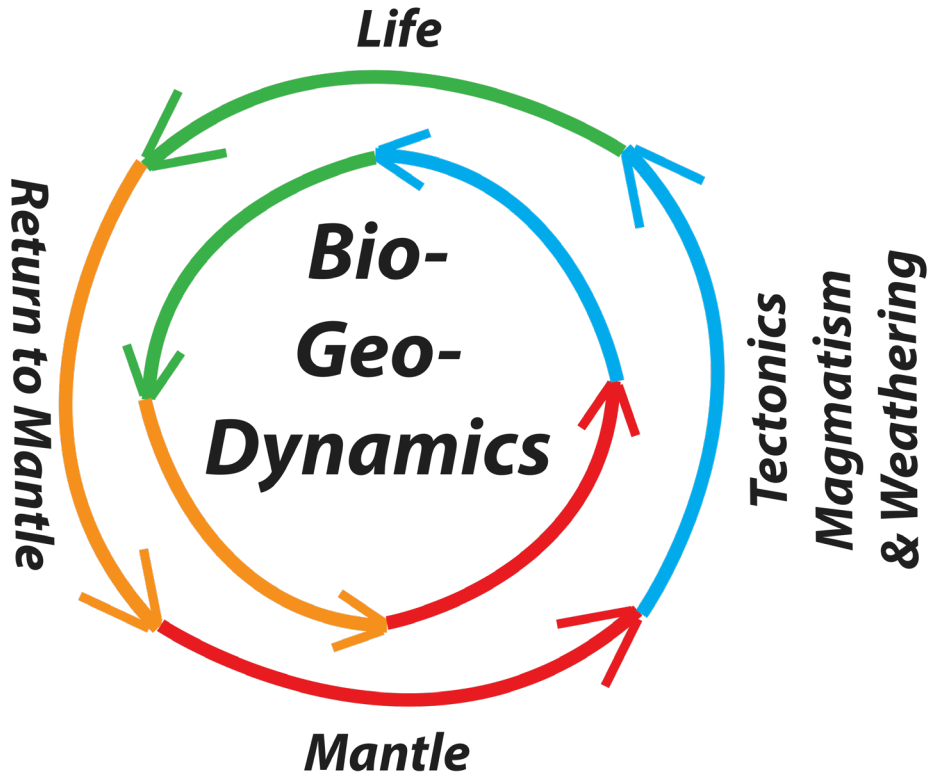
Iinternational Lithosphere Program
Task Force, 2021-2025

Biogeodynamics of the Lithosphere



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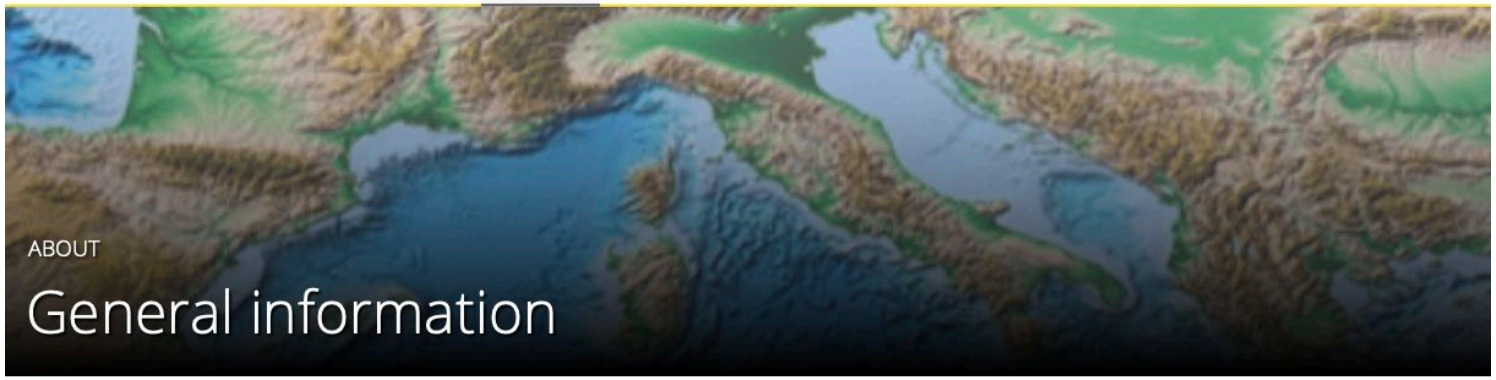
http://jupiter.ethz.ch/~dstemmler/



ABOUT

General information

Welcome

Welcome to the 2022 Ada Lovelace Workshop on Numerical Modelling of Mantle and Lithosphere Dynamics! The workshop series was initiated in 1987 in Neustadt an der Weinstrasse, Germany, and workshops usually take place every two years, with the current 3-year interval due to the COVID-19 epidemic. The last workshops were held in Sienna, Italy (2019), Putten, the Netherlands (2017), Oleron, France (2015), Hønefoss, Norway (2013).

The workshops, previously known as International Workshops on Mantle and Lithosphere Dynamics, were renamed in 2018 by the EGU Topical Events Committee in honour of the 19th century English mathematician Ada Lovelace.

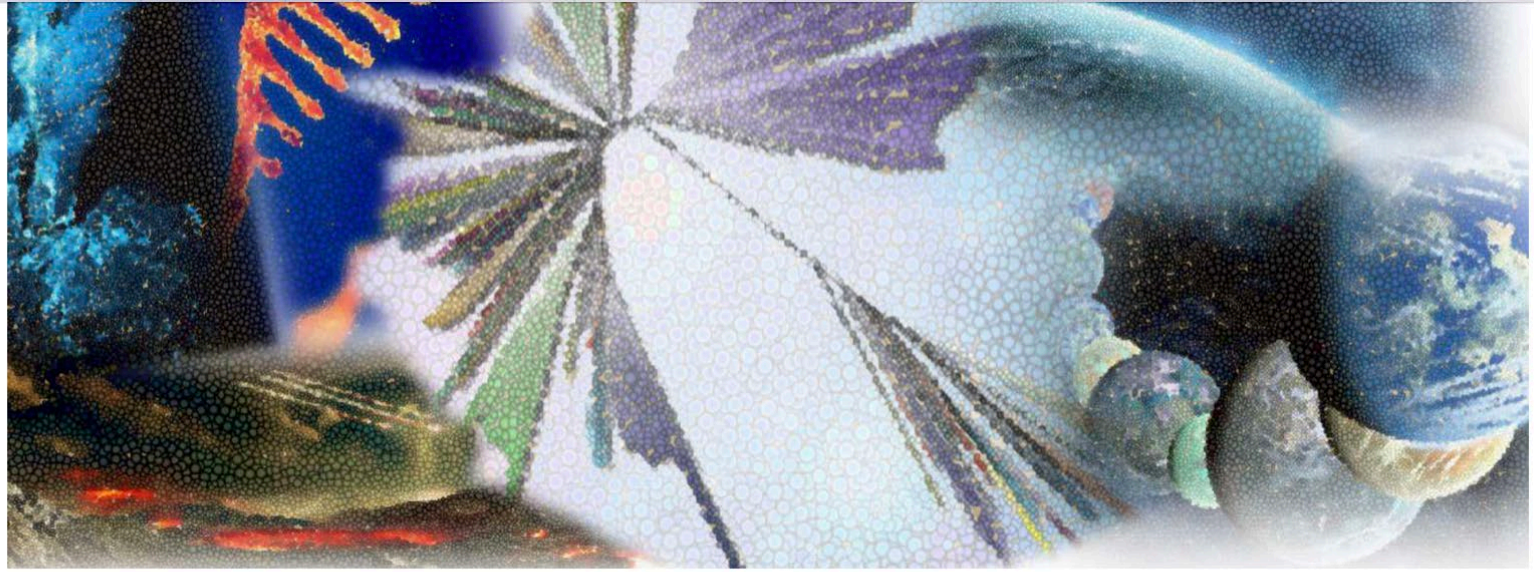
The 2022 workshop will be co-organized by ETH Zürich and Eotvos Lorand University, Hungary, and will take place at the Ensana Thermal Hévíz Health Spa Hotel in Hévíz, Hungary, about 200 km from Budapest. The meeting is co-sponsored by the European Geosciences Union (EGU), the International Lithosphere Program (ILP) and the ETH Zurich.

> To be put on a mailing list for future workshop updates, send an email to: ada.lovelace.workshop@gmail.com

European Geosciences Union

INTERNATIONAL LITHOSPHERE PROGRAM

ETH zürich



The Origin and Prevalence of Life

30. August - 2. September 2022, ETH Zurich

What is life? Where, when and how did life arise on Earth? What ingredients were likely present and how were they delivered to Earth? Why and how did life increase in complexity after a period of ~2 billion years of apparently slow evolution? How did the development of life depend on the surface and interior evolution of the (young) Earth? Under what conditions is life possible and is life likely to exist on other planets or celestial bodies?"

The "Origin and Prevalence of Life" Latsis symposium will – from the perspective of modern natural sciences - discuss our current understanding of possible answers to these questions, highlight controversial viewpoints and discuss how they could be reconciled, and help prioritize and coordinate future research activities at the national and international level.

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