

# CoLiBri – Continental Lithosphere: a Broadscale Investigation



## LAST YEAR'S INTRO

**What:** -platform to exchange on the structure, properties and evolution across scales;  
-relating **field** observations to laboratory data and modelling;  
-focus on **AlpArray** and **DIVE**: Drilling the Ivrea-Verbano zonE  
-outreach and training

**When:** ILP Task Force 2021-2025

**Who:** G. Hetényi, H. Žlebčíková, M. Bielik, J.-C. Afonso

**Info:** [https://www.scl-ilp.org/fileadmin/sclilp/science/ILP\\_COLIBRI.pdf](https://www.scl-ilp.org/fileadmin/sclilp/science/ILP_COLIBRI.pdf)

## Update as of May 2022

- The AlpArray Seismic Network data is now fully open
- Seismological effort is now on the running PACASE and starting AdriaArray
- The **DIVE** drilling activities are scheduled to start late Summer / early Autumn...

... here:



**DIVE**  
DRILLING THE  
IVREA-VERBANO  
ZONE



# CoLiBri – the past year's activity



## Conferences, sessions, talks:

- IAGA-IASPEI as well as EGU session organization
- AlpArray annual science meeting organization
- 90<sup>th</sup> Congress of the Italian Geological Society (talk)
- 42<sup>nd</sup> Annual Convention and Seminar of the Association of Exploration Geophysicists, India (talk)
- conference participations (limited by COVID)

## Outreach:

- Seismology at School in Nepal program:  
[www.seismoschoolnp.org](http://www.seismoschoolnp.org)
- donation of a RaspberryShake seismometer
- currently contributing to an education policy draft



# CoLiBri – the past and this year's activity



## Seminar series on the Lithosphere and the LAB

**Target:** five topical presentations on different aspects of the LAB

**Format:** ~40 min. recorded talks, archived on YouTube, Q&A session (to come)

**Topics:** seismology (almost ready), thermal, petro-geochemical, electromagnetic,  
+focus on Alpine gravity field (ready)

We will advertise broadly as soon as the seminar series is ready to go online.

Further 2022 activities are being discussed.

We thank the ILP for allowing to report part of our 2021 budget to this year.

Advertisement: ILP related manuscripts are welcome at the journal **Acta Geodaetica et Geophysica**, the same as special volume proposals: <https://www.springer.com/journal/40328>