

The Alps and neighbouring mountain belts (Apennines, Dinarides, Carpathians): a multidisciplinary vision (AlpArray)

Session TS7.6 co-organized by GD7/SM4

Text-based online chat scheduled on

Thursday, May 7th 10:45-12:30 & 14:00-15:45

Join us on <https://meetingorganizer.copernicus.org/EGU2020/displays/36290>

Short summary

Since a few years, the Alpine belt is being examined with renewed vigour in the AlpArray and associated projects. Strong efforts of a large number of European institutions have focused on the AlpArray Seismic Network that officially ended on March 31, 2019. A significant number of papers have already been published in the framework of the AlpArray project (see <http://www.alparray.ethz.ch> , <https://www.researchgate.net/project/AlpArray-4>), but a lot of work is still being done and EGU 2020 is perfect time for discussing new results. Moreover, new data is being recorded in a multidisciplinary research effort, and other projects are being planned in the immediate and mid-term future.

The session gathers presentations highlighting new results in AlpArray and companion projects that identify and solve key open questions of the present and past structure and dynamics of the Alps and neighbouring orogens. They cover a broad range of disciplines including geophysical imaging, seismotectonics, gravimetry, geodynamics, tectonics, petrology, modeling, geodesy, structural geology etc.

Organisation of the live chat

- Chat scheduled on Thursday, May 7th 10:45-12:30 & 14:00-15:45
- Join us on <https://meetingorganizer.copernicus.org/EGU2020/displays/36290>
- Organisation:
 - **We will skip presentations with no uploaded material**; we therefore recommend that authors who have not yet done so upload their presentations as early as possible, in any case **before Thursday morning 9:45 am**. This leaves very little time for attendees to have a look and formulate questions.
 - Each display will be allocated **between 4:30 mn and 6 mn** (depending on the number of uploaded displays) ; we will follow the schedule of presentations proposed by EGU.
 - During the chat, each author will be requested to present her/himself shortly (inc. email for additional contacts), to summarize her/his work (including references to slides/figures of the display), and to end with one central point to start the discussion. To make the chat more fluid, we recommend that presenting authors prepare these few sentences in their favorite editor and copy/paste them into the chat dialogue box.
 - After 4:30-6 mn, we will move on to the following display; but attendees should go on asking questions in the chat by quoting the author's name: @author
 - A reminder to authors (and attendees members of EGU): the displays will stay online and will still be open for discussion until May 31st.

Conclusions and announcements

We hope that EGU2020 Sharing Geoscience Online will be a great meeting, and that the online chat of our session TS7.6 will attract a large number of participants with good questions for authors.

- The collection of papers for a **special volume of EGU Solid Earth journal dedicated to AlpArray related topics** is almost ready to start. More information to come from Emanuel Kästle (emanuel.kaestle@fu-berlin.de) or Mark Handy (mark.handy@fu-berlin.de)
- Following the 1st AlpArray scientific meeting in Zürich in 2018, the 1st joint AlpArray/4D-MB meeting in Frankfurt in 2019, we hope we can meet again for the **2nd joint AlpArray/4D-MB meeting that will be held in Prague (Czech Rep.), 10-13 November 2020.**

The conveners:

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