

# 5<sup>th</sup> Earth Mantle Workshop

July 13<sup>th</sup>-16<sup>th</sup> 2025  
Vienna, Austria

**First circular**  
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## PROGRAM TOPICS:

- Mineralogical, petrological and geochemical studies of mantle xenoliths, orogenic peridotites and the mantle section of ophiolites
- Inferences on mantle composition and evolution from the study of volcanic rocks
- The role of volatile components in mantle processes
- Experimental studies on production, migration and emplacement of mantle melts and fluids, as well as fluid/melt-rock reactions
- Mass transfer in convergent and divergent plate margins
- Geophysical studies of Earth's mantle
- Numerical models on the Earth's mantle and crust-mantle interaction
- Alteration, serpentinization and carbonation of peridotites and associated rocks

## FIELDTRIP (July 17<sup>th</sup> 2025): Styria and Pannonian Basin volcanism



### Scientific Committee

Theodoros Ntaflou (University of Vienna, Austria)  
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