

Session Program

20–23 mai 2025



STEP'UP PhD Congress 2025

Probing the Deep Earth: Volcanoes, Primitive Earth and Planetary Cores

IPGP
1 rue Jussieu 75005 Paris

ven. 23 mai

13:00

Probing the Deep Earth: Volcanoes, Primitive Earth and Planetary Cores: CDD-05

Session | Site: IPGP, 1 rue Jussieu 75005 Paris

13:00 – 13:45

Keynote 06: From magma oceans to solid mantles: experimental insights into the differentiation of terrestrial planets**Orateur**

Héloïse Gendre

13:45 – 14:00

Evolution of carbon dioxide dynamics in alkaline volcanic lake Dziani Dzahav**Orateur**

Jonas Frère

14:00 – 14:15

Seismic Evidence of Hydrated/dehydrated Lava Flows at the Layer 2A/2B boundary from Full Waveform Inversion of Ultra-long Offset Multi-channel Seismic Data at the Axial Volcano in the Pacific Ocean**Orateur**

Wenxin XIE

14:15 – 14:30

Hydrating the oceanic lithosphere: from transforms to trench**Orateur**

Sampriiti Mukherjee

14:30 – 14:45

Semi-convective planetary cores**Orateur**

Sonja Zhou Wahlgren

14:45