

# Société Française de Minéralogie et de Cristallographie

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## SFMC HAÛY-LACROIX 2023 PRIZE

Congratulations to Clément Herviou and Rémy Pierru who jointly received the SFMC Haüy-Lacroix 2023 prize.

**Clément Herviou** completed his PhD thesis entitled “Fluid circulation and deformation mechanisms in the Schistes Lustrés of the Liguro-Piedmont domain: Implications for the functioning of subduction zones” at the Institut des Sciences de la Terre de Paris (Sorbonne University) under the supervision of Philippe Agard and Anne Verlaquet. The aim of his thesis was to gain a better understanding of the composition of fluids and how they migrate through the crust in the context of oceanic subduction.



Clément Herviou receiving his prize from Christian Chopin.

**Rémy Pierru** will receive his prize shortly. His PhD thesis is entitled “High-pressure and high-temperature mantle melting: Application to the dynamics of the early Earth”. He completed his PhD at the Magmas and Volcanoes Laboratory (University of Clermont-Auvergne) under the supervision of Denis Andrault and Geeth Manthilake.



The aim of his thesis was to experimentally constrain the conditions under which the Earth’s mantle melts.

## A SCIENTIFIC LIFE UNDER ULTRA-HIGH PRESSURE

### A tribute to Christian Chopin – October 16 & 17, 2023 at École Normale Supérieure – Paris.

Around 60 international scientists from all generations gathered to celebrate Christian Chopin’s retirement after an exemplary career dedicated to metamorphic petrology. Lectures followed by lively discussions covered the main topics that were deeply impacted by the discovery of coesite in Alpine metamorphic units in 1984 by Christian Chopin. This includes Alpine geology, continental subduction, metamorphic petrology (experimental and computational), fluid–rock interactions, as well as the crystal chemistry of exotic minerals found in UHP metamorphic rocks (phosphates, but not only...), which is still occupying Christian’s time!



Christian Chopin pointing to a pyrope megacrystal in a coesite-bearing unit (Dora-Maira, Italy).



Participants of the Christian Chopin jubilee.

Science, friendship, and emotion were present all along these two days. Each participant also went home with a bottle of Morgon wine offered by Christian (Beaujolais wine from his family’s home region).

Interested participants were able to visit the exhibition “Eclogites” at the Société Géologique de France.

#### The organizing committee

(O. Beyssac, F. Brunet, L. Labrousse, B. Goffé, A. Schubnel)