



Société Française de Minéralogie et de Cristallographie

www.sfmc-fr.org

“PIERRES PRECIEUSES” 2021

“Pierres Précieuses” Exhibition at the French National Museum of Natural History in Paris until 14 June 2021

The “Pierres précieuses” [Precious Stones] exhibition is being held in Paris at the French National Museum of Natural History (MNHN) until 14 June 2021. Curators are François Farges (MNHN) and Lise Macdonald (Van Cleef & Arpels).



This exhibition includes 350 minerals, gems and art objects, 200 jewels from Van Cleef & Arpels, as well as 50 loans from other museums and private collectors. Approximately 200 different gemstones are displayed through three parts. The first part displays the history and evolution of the Earth and the lapidary *savoir-faire* from Cro-Magnon man up to contemporary art. The second part shows how current geological knowledge fuels the lapidary and jewelry know-how. Forty gemstones are displayed vertically, illustrating the progression from their original host rocks (bottom of display) to crystal clusters, gem-quality crystals, polished gemstones, and finally as jewels (top of display). Seven geological principles of mineral formation help the viewer understand gemstones formation: pressure, temperature, fluids, water, oxygen, life, and metamorphism all interact to varying degrees to produce magnificent gemstones. The last part highlights how, since the 17th century, Paris has always been an avant-garde city for the most beautiful gemstones. From the Quartier Latin and its major scientific discoveries to the Place Vendôme and its world-class artistic creations, Paris is a unique city where crystals became art in 1930, where gemology was founded in 1817, and where high-jewelry was initiated in 1749. To conclude, a new sculptural piece of jewelry was specially created for the exhibit by Van Cleef and Arpels.

Books and an audioguide (audiopierresprecieuses.mnhn.fr) are available in French, English and 中文:

www.jardindesplantesdeparis.fr/en/activities-events/galleries-gardens-zoo-libraries/gems-exhibition-3984

4th EARTH'S MANTLE WORKSHOP



Earth Mantle Workshop
Toulouse, 2021



POSTPONED to 11–14 October 2021, Toulouse (France)

The European Mantle Workshop (EMAW) has changed its name to the Earth Mantle Workshop (EMAW) – with no change in acronym. The workshop will be held from Monday 11 October until Thursday 14 October 2021 in Toulouse (France).

Program Topics

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

The main themes will be approached from theoretical, experimental, analytical, and numerical standpoints.

Planning...

March–May 2021	Abstract submission and registration fees due (see below)
12–14 October 2021	Workshop in Toulouse
11 October 2021	Pre-workshop field trip to the Lherz Peridotite Massif (French Pyrénées)
1 February 2022	Abstract submission deadline for associated special volume
30 June 2022	Article deadline for special volume

Registration

March–May 2021

STANDARD REGISTRATION FEE: €150

MASTER'S AND PHD REGISTRATION FEE: €90

EXCURSION REGISTRATION FEE: €55

June to Mid-July 2021: Late Registration

Standard registration fee: €200

Master's and PhD registration fee: €140



WEBSITE: <https://emaw2021.sciencesconf.org>

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