

**GMPV Seminar:**

**Thursday 19 September 2024 at 4.30 pm, room Marchetti (U1-07)**

**Ophiolite-hosted Cr-PGE Ores:  
Lithospheric and Economic Significance**

**Dr. Micol Bussolesi**

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Ophiolite-hosted chromite deposits are one of the major chromium sources for the industry and contain (sub-)economic Platinum Group Elements (PGE) enrichments. They provide the best metallurgical grade chromite, and can be enriched in PGE up to 10 ppm, making them potentially interesting targets for precious metals exploitation.

This presentation will focus on the genetic aspects of chromium and PGE ores in the mantle and supra-Moho sections of ophiolites, on how their chemical variability can give us insights into upper mantle dynamics, and on their economic potential for industrial purposes.



Micol Bussolesi on a geological field trip in the Vourinos Ophiolites, Greece (September 2019)

**The seminars are open to students, PhD students, Postdocs, and all the interested colleagues.**