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Session

**S22**

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**S22 Large-scale tectonic controls on fertility of magmatic suites for ore genesis in the Carpathian-Balkan region**

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This session accepts both full papers and abstracts

This session will focus on the large-scale tectonic and petrogenetic processes in the Carpathian-Balkan region that dictate the potential for magma to become the progenitor of an ore deposit. Special attention will be paid to integrated geochronological, tectonic, petrological and geochemical studies. All deposit types of any age - whether magmatic or hydrothermal in origin - whose main fluxes of economic elements are derived from magmas constitute suitable topics. Examples include the conditions required to generate the optimal conditions for the formation of Cu- and Au-rich magmas in volcanic arcs, the U-, W- or Au- rich S-type granites in collisional zones, the fertile pollymetallic magmas in postcollisional regimes or the origins of the magma parental to the deposit types found in basic-ultrabasic complexes.

Contributions based on field observations, tectonic, petrological, mineralogical and isotope-geochemical studies research are welcome.