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SESSION

S04

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S04 Correlating Mesozoic lithostratigraphic units within the Carpathian-Balkan region

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This session accepts both full papers and abstracts

Albeit nowadays the Carpathian Balkan region is highly complicated morphologically and tectonically, in the Triassic and Jurassic periods it was a more uniform sedimentation area of the western Tethys, which is well expressed in the lithologic composition of the relevant successions. During the tectonic activity in the Cretaceous the region started to be more complicated but still there were large areas where the formations resemble each other. In times of establishing formal lithostratigraphic units within this tectonically and politically highly complex region, the majority of the member countries introduced new lithostratigraphic names without taking much care about similarities. The Council of the CBGA accepted a Working Group proposal set as an aim to identify and correlate major lithostratigraphic units developed within the region in order to exclude unnecessary repetitions of identifiable lithostratigraphic units. We are expecting papers dealing with cross-border correlation of successions, promoting the selection of a common name for the entire extension of the relevant formation. The benefits to be expected are as follows:

- (1) students should not waste time for learning unnecessary lithostratigraphic names,
- (2) it will be easier to recognize valid palaeogeographic connections,
- (3) the regularities of geological and geotectonic history can be simplified and more realistic.