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Session

**S08**

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**S08 New insights on geodynamics of the Vrancea Zone (Romania) and implications for continental tectonics**

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This session accepts both full papers and abstracts

The Vrancea Zone of Romania, situated beneath the bend zone joining the Eastern and Southern Carpathians, is one of the most active seismogenic zones in Europe. This zone of intermediate depth seismicity is widely attributed to the final stages of Miocene age oceanic subduction beneath the Carpathians. Recent observations suggest that other interpretations, including delamination of continental lithosphere, may not only be viable, but more consistent with existing geological and geophysical data. If so, the Carpathians may represent one of the best modern examples of this fundamental geodynamic process in continental evolution. This session will attempt to bring together international scientists with new geophysical and/or geological data which bear on the geodynamic evolution and significance of this critically important component of the Carpathian orogenic system.