



si vás dovoluje pozvat na
kombinovaný Paleontologický seminář a Seminář ze sedimentární geologie,
který se koná

ve středu **9. dubna 2025** od **14:50**

Cosmogenic isotopes as a tool in tracing ancient human migrations

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Geofyzikální ústav AV ČR

Earth is constantly bombarded by cosmic rays that react with surface minerals to produce cosmogenic nuclides in tiny but measurable quantities. By measuring two of these nuclides (beryllium-10 and aluminium-26) in sediment, we can apply versatile burial-dating methods that stretch back to 5 Ma. This timeframe conveniently spans Earth's last ice age and the evolution of our own species. I will outline some recent findings on what may be the earliest human presence in Europe and the Eurasian Arctic, and how climate appears to have steered human dispersal patterns since the beginning

