**Thesis: „Analysis of archaeological material using methods of atomic spectrometry“.**

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Abstract

Case studies of some sample series of archaeological origin are present. Samples of Medieval and Early Modern skeletal remains were analysed using solution ICP-OES, obsidian samples of geological and archaeological origin were analysed using LA-ICP-MS. For effective interpretation of the results, modern methods of data analysis (including robust and nonparametric techniques) were employed.