



Einladung

Konservierungswissenschaft im Dialog
Öffentliche Vortragsreihe des Rathgen-Forschungslabors

Wir laden alle Interessierten sehr herzlich ein zu unserem nächsten Abendvortrag am

Dienstag, 28. Mai 2024, 18.30 Uhr

Brusch-Pascha-Saal im Archäologischen Zentrum,
Geschwister-Scholl-Str. 6
10117 Berlin

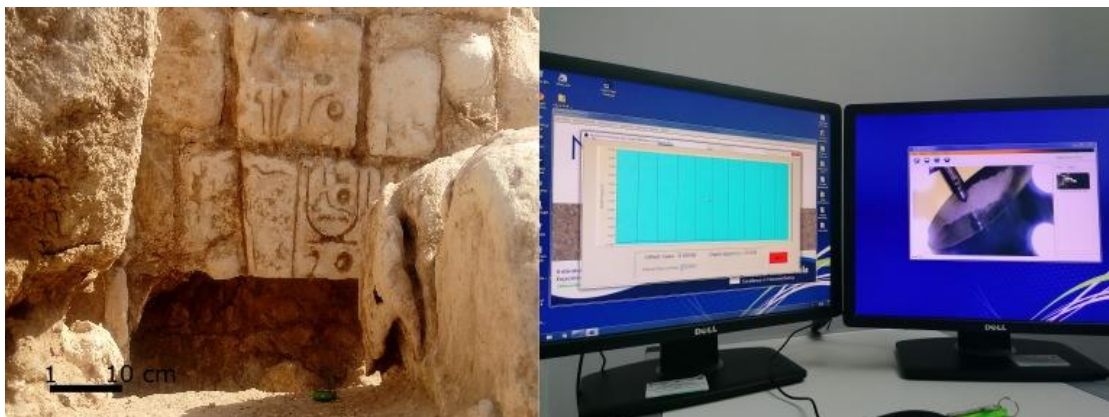
Es spricht

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Nanomaterials in archaeological surfaces preservation; experimental practice

Enhancing traditional conservation methods utilizing nanomaterials is considered a good offer for innovative solutions to treat the archaeological surfaces efficiently. In this regard, the current presentation demonstrates insights on nanotechnology practices and applications for the consolidation of ancient materials surfaces. In this sense, multi techniques will be presented for nanomaterials evaluation and the assessment of the applied materials before and after the treatment process. In addition, the old practices of nanomaterials production with ancient evidences and nanotechnologists will be highlighted. Furthermore, the practical process of nanoparticles production with practical treatment of the archaeological lime mortar surfaces will be shown. Lastly, future perspectives will be discussed..



Left: Temple wall and joint lime mortar decay, Ramses II Temple (El-Ashmonein site, Minia Egypt).

Right: Nanoindentation test for nano treated and untreated samples of lime mortar

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