

# Muon archaeometry projects in Mexico



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Muon imaging is a rapidly developing technology, finding applications in fields such as mining, nuclear reactor, and cross border inspection for nuclear materials, to ancient pyramid search for hidden chambers and volcano-chimney evolution monitoring. Given the abundance of nearby volcanoes and pyramids, Mexican nuclear instrumentalists are in a privileged position to engage in this type of projects. After a brief introduction, this talk describes three such projects, their motivation, technological challenges, and findings, so far.

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