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Muography Application in IFIN-HH

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There are more than 20 years since cosmic ray muons have been studied in IFIN-HH. Starting as fundamental physics research, it continued later by putting muons to use, through applications. Muography is a new and emerging technique that interpret the muon flux in order to obtain information about the inner structure of dense objects. Different applications have been designed and are currently being implemented at IFIN-HH. Scanning dense objects at the ground level, in order to determine their composition, or using the technique to imagine the structure of underground tunnels or mines are in present under investigation.

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