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MuGrid: A scintillator detector towards cosmic muon absorption imaging

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Muography is believed to have a wide range of applications especially in the cross-disciplinary area as it can probe the internal composition of objects in a non-destructive way. We designed a cosmic muon tracking detector MuGrid using plastic scintillators with a novel construction. Preliminary progress of the MuGrid detector and its demonstrator are shown in this poster.

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