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PMT Characterisation for the KM3NeT Project

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The KM3NeT project aims to design and to construct at least a cubic kilometre scale neutrino telescope in the Mediterranean Sea. The main task is to instrument this deep-sea water volume with optical modules, each housing one or several photomultiplier tubes (PMTs).

3-, 8- and 10-inch PMTs from ET Enterprises, Hamamatsu and MELZ-FEU have been investigated as candidates for the telescope's optical modules. Various parameters of these photomultiplier tubes have been measured in a test bench at the Erlangen Centre for Astroparticle Physics. These results are presented.

Please indicate "poster" or "plenary" session. Final decision will be made by session coordinators.

Poster

Auteur principal: Dr KALEKIN, Oleg (Erlangen Centre for Astroparticle Physics)

Orateur: Dr KALEKIN, Oleg (Erlangen Centre for Astroparticle Physics)

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