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Report on the status of the ROSEBUD experiment

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The ROSEBUD experiment has resumed its activity in the Laboratorio Subterráneo de Canfranc (LSC). A multi-target arrangement including three different scintillating bolometers, i.e. undoped sapphire (50 g), BGO (46 g) and LiF (33 g) has been mounted. We report on the discrimination of electronic vs. nuclear recoils achieved with each bolometer, as well as on the preliminary results on sensitivity.

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