

Radioluminescent optical fibre: recent developments for dosimetry applications

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Radiation Induced Luminescence (RIL) based radiation detection has been investigated for different applications such as accelerators, space, medicine and nuclear plants. We are evaluating the potential use of specially RIL based optical fibre sensors for dosimetry, for both accelerator and space projects in collaboration with CNES and Laboratoire Hubert Curien. We will present here the most recent advances on the topic.

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