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Radiation Induced Luminescence optical fiber dosimeter

Tuesday 2 February 2021 16:00 (15 minutes)

Our R&D activity targets the development of versatile radiation sensors to address environments typical of accelerators and space. In this presentation, we report the main scientific results on radioluminescence-based radiation sensing in optical fibres, showing the performances offered by this technology as well as the temperature dependence of the sensors response.

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