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Dosimetry Techniques and Radiation Test Facilities for Radiation Damage Studies

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This contribution aims to review basic dosimetry principles, give examples for dose calculations as well as a brief overview of the available irradiation facilities for material irradiation studies and their associated dosimetric means. Their interest, limitations and some practical aspects involving the organization of irradiation campaigns for total ionizing dose testing will be also discussed together with potential opportunities for future irradiation experiments on materials at CERN.

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