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Joint ICTP-IAEA Workshop on Physics of Radiation Effect and its Simulation for Non-Metallic Condensed Matter | (smr 2359)

Monday 13 August 2012

Irradiation facilities - Adriatico Guest House Kastler Lecture Hall (16:30-17:30)

In order to study and understand changes that occur in materials when exposed to excessive fluences of radiation, different radiation sources and controlled irradiation conditions have to be used. In this review, facilities based on radioisotope sources, accelerators and reactors, as well as principles of their operation for irradiation purpose, will be presented. Discussion and examples on the advantages of electrostatic ion accelerators and in particular use of focused ion beams for studies of radiation damage in materials will be given.

time	title	presenter
16:30	Irradiation facilities	MILKO JAKSIC