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

## Thursday 16 August 2012

**Radiation effects in microelectronic devices - Adriatico Guest House Kastler Lecture Hall  
(09:00-10:30)**

*Microelectronic devices and detectors are exposed to harsh radiation environments in space and in large accelerators. Radiation can cause several effects that will lead to the degradation and malfunction of these devices. This lecture will give an introduction to the effect of radiation on microelectronic devices including single event effects. The use of ion beams in the study of these radiation effects will be presented with examples.*

time	title	presenter
09:00	Radiation effects in microelectronic devices	GYORGY VIZKELETHY