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

Friday 17 August 2012

Ion Beam Lithography II. - Adriatico Guest House Kastler Lecture Hall (14:00-15:30)

Following the previous introductory lecture, a case study will be discussed on the employment of focused ion beams for the microfabrication and functionalization of a specific innovative material, such as artificial diamond. The extreme physical properties that make diamond suitable for applications in advanced technological applications also pose significant limitations to its fabrication with conventional techniques, therefore ion beam lithography qualifies as an ideal tool to micro-structure and functionalize this material.

time	title	presenter
14:00	Ion Beam Lithography II.	PAOLO OLIVERO