

## **The Road map of Applied Physics with compact accelerator based systems**

*Saturday 28 July 2012 14:30 (20 minutes)*

Particle Accelerators played a crucial role in science over the last century both in developing fundamental knowledge and in pushing applications of high social impact as by-products of the technologies in turn developed to fulfill High Energy Physics requirements. We will give a few examples of how compact and moderate costly accelerators may have a crucial role in countries under development to stimulate the growth of knowledge and expertise at University campus level, exploiting emerging technologies in the field of advanced radiation sources for use in medicine, biology, material science and, eventually, nuclear applications.

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