



## CAMPUS TECNOLÓGICO E NUCLEAR

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Palestrante/*Speaker*: Professor Jean-Marc Bordy      CEA-LIST LNHB

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Título/*Title*: ***Energy response curve, is it so obvious?***

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### Abstract

The energy response is a key feature for dosimeter type tests. When looking at these curves where responses or sometimes calibration coefficients are plotted as a function of energy, everything seems simple and clear. In fact this is not so clear in many cases, and behind a simple curve many things can be hidden. Depending on the means of the type test laboratory (radiation qualities, quantities...) and the real conditions of irradiation, the curve can be significantly different and so the conclusion to be drawn. This short talk is intended to demystify this issue for radiation protection and medical applications.

### Curriculum Vitae

Scientific adviser for dosimetry purposes at the CEA-LIST LNHB (Laboratoire National Henri Becquerel) - French primary standard laboratory for ionising radiation. International expert for the CEA; Field: Instrumentation, Metrology & Control, Radiation Detection; Associate Professor at “Institut National des Sciences et Techniques Nucleaires”.