

A pranzo con la Fisica !!!



(aperto a tutti)

Il **quarto** appuntamento del 2011 è per

Giovedì 26 Maggio 2011
dalle ore 13.15 alle ore 14.30

Presso l' **aula B** del Dipartimento di Fisica

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“The holographic correspondence”

Ordinary quantum field theories could be equivalent to higher dimensional theories of quantum gravity. This is the content of the holographic correspondence, proposed 14 years ago in the context of string theory. As an astonishing corollary, the correspondence works as a duality: a strongly interacting (difficult) theory on one side is mapped into a weakly interacting (simple) one on the other. I will show, with some examples, how this duality can be employed to gain information on strongly interacting quantum field theory models both in the realm of high energy physics and in that of condensed matter.

Non mancate !!!