

# Frontiers of Physics Education

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Selected Contributions



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## SCHOOLS COMING TO SCIENCE CENTRES

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### 1 SCHOOLS COMING TO SCIENCE CENTRES

School teachers are unable to track in a real time developments in modern science. They need an external support, different from the traditional post-graduate seminars or studies. Science Centres all over Europe, we nominate here only *Museo della Scienza Milano*, *Deutsches Museum München*, *La Villette Paris*, *Science Museum London*, perform extensively this task.

This function is done by several means - from exhibitions on modern materials (London), interactive islands on modern mathematics (Paris), historical reconstructions (Milan), to interactive games on energy (London). It is difficult to quantify the importance of these actions. In Milano 14 interactive laboratories with Museum-employed teachers are run, for groups from pre-school to lyceum pupils, training more than 100,000 persons a year; in 400,000 inhabitants Trentino region it is 67,000 pupils trained each year by the *Museo delle Scienze Naturali Trento*. Italian museums perform well targeted educational action, however also other centres exercise a strong educational activity in the whole society: about 2 milion people visit München and London Museums each year.



**Figure 1** Laboratory on genetics and biotechnologies in *Museo della Scienza Milan*.

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