

DISCRETE '08: Symposium on Prospects in the Physics of Discrete Symmetries



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Ettore Majorana meets his shadow

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Seventy years have elapsed since Majorana's bold hypothesis about the neutrinos, and almost the same time since he disappeared in mysterious circumstances, a mystery yet as unresolved as the true nature of Neutrino. Probably we will never know what happened to the physicist but neutrinoless double beta decay experiments may unravel if the neutrino is its own antiparticle. I will offer a brief review of the status of the field and the most promising techniques for the NEXT generation of experiments.

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