

DISCRETE2012

THIRD SYMPOSIUM ON PROSPECTS IN THE PHYSICS OF DISCRETE SYMMETRIES

3 - 7 December 2012 - CFTP, Instituto Superior Técnico, Lisboa, PORTUGAL



Portrait of Fernando Pessoa by José Almada Negreiros, 1964

The Third Symposium on Prospects in the Physics of Discrete Symmetries is organised by Centro de Física Teórica de Partículas (CFTP) of Instituto Superior Técnico, Universidade Técnica de Lisboa. This is the sequel of the Symposia successfully organised in València in 2008 and in Rome in 2010. The topics covered will include:

- T, C, P, CP symmetries
- CPT symmetry, decoherence, Lorentz symmetry breaking
- Discrete symmetries and models of flavour mixing
- Baryogenesis, Leptogenesis
- Neutrino Physics
- Electroweak Symmetry breaking and Physics Beyond the SM
- Accidental symmetries (B, L conservation)
- Experimental prospects at LHC
- Dark Matter searches
- Super Flavour factories, and other new experimental facilities

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