

## ISAPP 2024: Particle Candidates for Dark Matter



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# Minimal $U(1)$ two-Higgs-doublet models for quark and lepton flavour

*Monday, 1 July 2024 11:55 (10 minutes)*

In this talk I will describe the minimal 2HDM with  $U(1)$  flavour symmetries which accounts for the observed pattern of quark and lepton masses and mixings. The corresponding phenomenology related to flavour processes in both sectors will also be investigated, as well as the constraints imposed in the parameter space.

**Presenter:** ROCHA, José (CFTP-IST)

**Session Classification:** Flash Talks by Students