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Minimal Flavor Violation without R-parity

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We study the extension of the MFV hypothesis to the MSSM without R-parity. The novelty of our approach lies in the observation that supersymmetry enhances the global symmetry of the kinetic term and in the fact that we consider as irreducible sources of flavor breaking all the couplings of the superpotential, including the R-parity violating ones. When R-parity violation is responsible for neutrino masses, our setup can be seen as an extension of MFV to the lepton sector.

Primary authors: Mr ARCADI, Giorgio (SISSA, Trieste); Dr DI LUZIO, Luca (Karlsruhe Institute of Technology); Dr NARDECCHIA, Marco (CP3-Origins, University of Southern Denmark)

Presenter: Dr DI LUZIO, Luca (Karlsruhe Institute of Technology)

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