PANIC2021 Conference



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Improved bounds on heavy quark electric dipole moments

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New physics models with additional CP violation sources are currently being constrained by searches for electric dipole moments (EDMs). Using the stringent limits on their chromo-EDMs, new bounds on the EDM of charm and bottom quarks will be derived. The new limits improve the previous ones by about three orders of magnitude. The implications for different Standard Model extensions will be discussed.

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