The HAMMER tool

Michele Papucci, Dean Robinson, Zoltan Ligeti and I have been working on a new software package called HAMMER that allows one to consistently reweigh B -> D/D*/[and in the future also D**] tau nu with leptonic and hadronic tau decay modes into arbitrary new physics scenarios and keep track of form factor eigenvectors. It's built in such a way that angular correlations of the tau decay products are treated correctly, what is important for hadronic tau decays. We are currently putting together an alpha version and by the time of the workshop I think we have a workable beta version that might include also the D**.

If there is interest we were thinking of hosting a tutorial on how to run and incorporate it into an existing software framework (like LHCb or Belle II), to provide a consistent base for future NP measurements.
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