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Standard Model or Standard Theory? The many ways beyond the SM

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In spite of its extraordinary empirical success, one can still wonder why the SM works better than expected even by (some of) those people who have invented it. Given the many things that we still do not understand, a question like this one remains as a valid motivation for the multiple directions that are taken in exploring Beyond the Standard Model physics. A brief summary of these directions is attempted.

Presenters: BARBIERI, Riccardo (Dipartimento di Fisica); BARBIERI, Riccardo (SNS)