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COMET - mu-e conversion search at J-PARC

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The COMET experiment aims at achieving the sensitivity of mu-e coversion search better than 10ˆ-14 in Phase I and better than 10ˆ-16 in Phase II using highly intense pulsed proton beam provided at J-PARC. The COMET experiment plans to start its engineering run in early 2023 followed by physics data acquisition in 2024. In this presentation, we will report the current status and future prospect of the experiment.

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