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## Searches for Dark Matter Mediators at CMS

*Monday, July 23, 2018 5:30 PM (20 minutes)*

This talk presents results from the CMS experiment on searches for dark matter mediator particles. The searches target new bosons decaying into dijet final states. Techniques for studying low-mass resonances below the typical threshold for conventional dijet resonance searches are emphasized, including the use of data scouting, online bottom quark tagging, and boosted mediator production due to initial state radiation.

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**Session Classification:** 1.6 Theory

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