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## MELODY –the first muon facility in China

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A Muon station for sciEnce, technoLOgy and inDustrY (MELODY) is under construction based on China Spallation Neutron Source. Up to 5Hz of proton pulses will be extracted from the RCS ring to a stand-alone target station. One surface muon and one decay muon beamline are designed to provide multi-terminals for various applications. In this report, we describe the design of MELODY and prospect for future applications.

### Footnotes

### Funding Agency

### Paper preparation format

LaTeX

### Region represented

Asia

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