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## **Recent Results from PICOSEC: Sub-25 Picosecond MPGD based charged particle timing**

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(for the PICOSEC Collaboration)

PICOSEC was launched as an RD51 “common project” in 2015 with the goal of providing a cost effective, robust solution to charged particle and photon timing for applications with modest track densities. For instance, this is meant to address the “barrel” coverage in future collider experiments at eIC or FCC-ee. In the past year our collaboration has demonstrated a scalable implementation that currently covers  $100 \text{ cm}^2$  area in  $1 \text{ cm}^2$  pixels. Testbeam measurements with pion and muon beams achieved 17 picosecond MIP timing and single photon timing to better than 50 picoseconds.

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