

# Mechanically Stretched Thin Gap Hybrid Detector

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# Timeline For Mechanically Stretched Thin Gap Hybrid

March 22- Procurement of PEEK for GEM Spacers

March 29th- Manufacturing of Pullouts (CNC of PEEK) , Bertrand GEM Foil Design +Urwell

April 5th- Manufacturing of Pullouts ,

April 12th- Manufacturing of Inner frame Parts

April 26th - Mechanical Testing of pullouts and inner Gem spacers trial assembly

May 3rd - Ordering of CERN Readout foil and GEMS

May 10th- Manufacturing of Outer Frame (spacer with O-ring)

May 17th - Manufacturing of Outer Frame(spacer with O-ring),

May 24th- Machining of Carbon Fiber Frame

May 31 - Completed Mock assembly, and benchtop HV Testing in Nitrogen