

CMS High Eta Upgrade Studies Test Beam Plan 2010

Archana Sharma / Stefano
Colafranceschi / Andrey Marinov / Sunil
Kumar and group
CERN

Chambers for June:

CMS Triple GEM prototype 10 x 10 cm

Honeycomb Triple GEM

Single Mask GEM

1. Measure Efficiency for perpendicular tracks
2. Measure Efficiency for inclined tracks with tracking
3. Optimization of time resolution
4. Tests with Front End electronics for mips
5. Space and time resolution

1. Gas Studies

2. Magnetic Field Operation

3. Large Prototype test