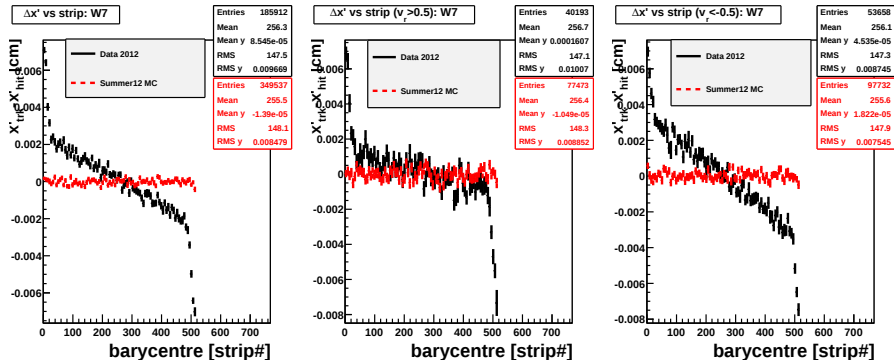


# TEC Ring 7

Gero Flucke

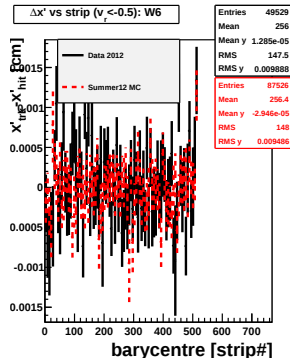
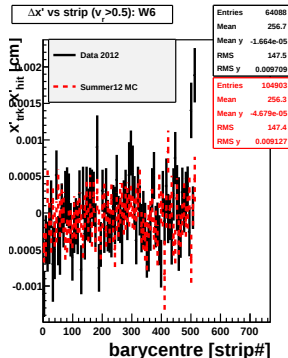
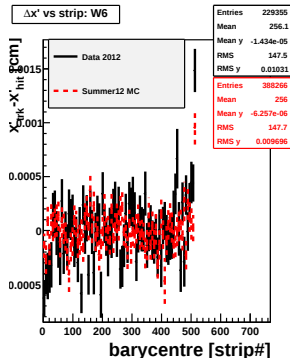
DESY

CMS Hamburg Alignment Meeting  
April 16th, 2013



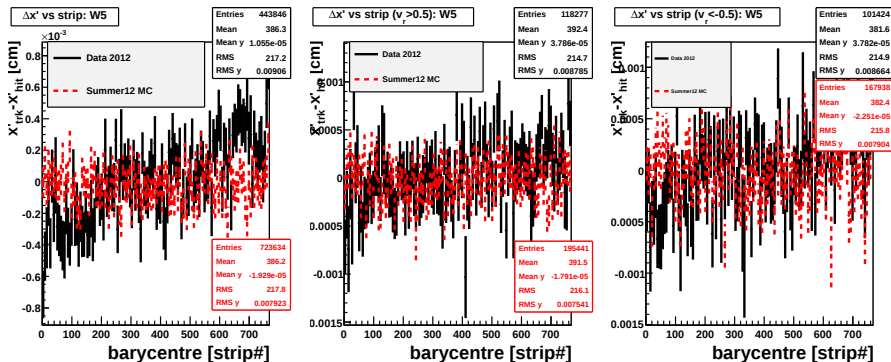
## W7 Module Geometry is TEC R7

- Mean  $x'$ , but
  - sign from local coordinates,
  - *not* in global  $\phi$  direction.
- All hits (left), hits in upper quarter (middle), hits in lower quarter (right).



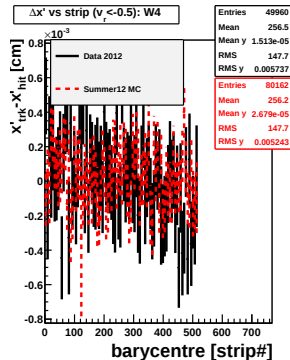
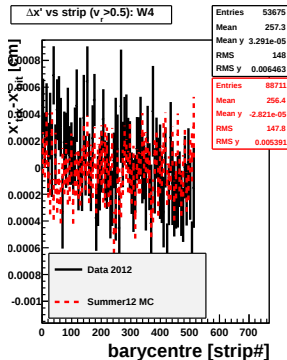
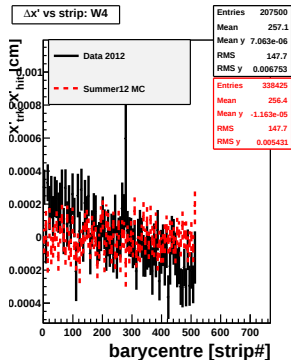
## W7 Module Geometry is TEC R6

- Mean  $x'$ , but
  - sign from local coordinates,
  - *not* in global  $\phi$  direction.
- All hits (left), hits in upper quarter (middle), hits in lower quarter (right).



## W7 Module Geometry is TEC R5

- Mean  $x'$ , but
  - sign from local coordinates,
  - *not* in global  $\phi$  direction.
- All hits (left), hits in upper quarter (middle), hits in lower quarter (right).



## W7 Module Geometry is TEC R4

- Mean  $x'$ , but
  - sign from local coordinates,
  - *not* in global  $\phi$  direction.
- All hits (left), hits in upper quarter (middle), hits in lower quarter (right).