

Status of TPC project at Siegen University

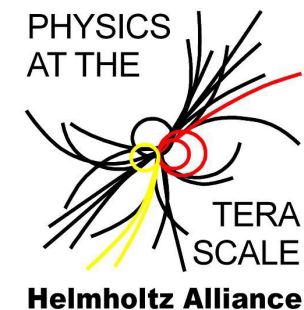
Amir Noori Shirazi

Siegen University

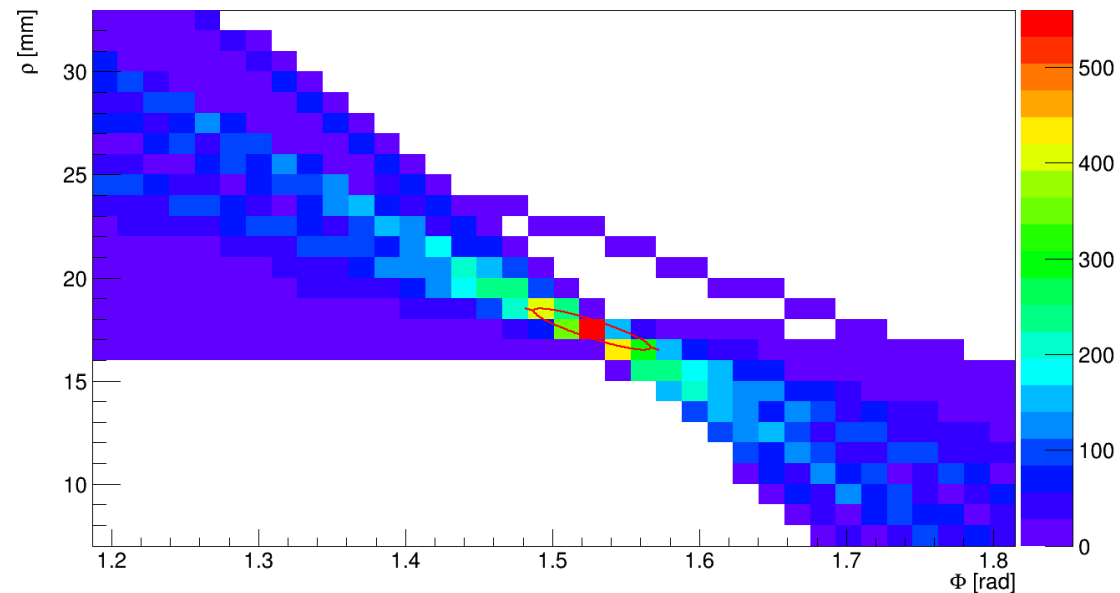
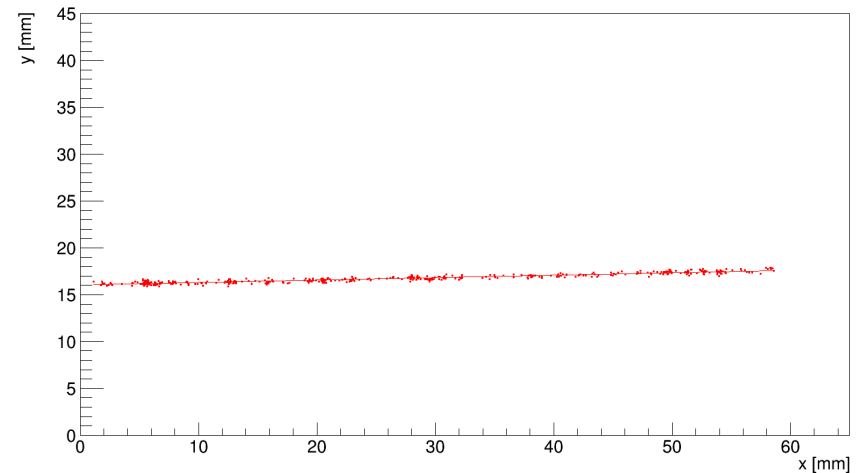
TPC meeting 26.01.2017



Bundesministerium
für Bildung
und Forschung



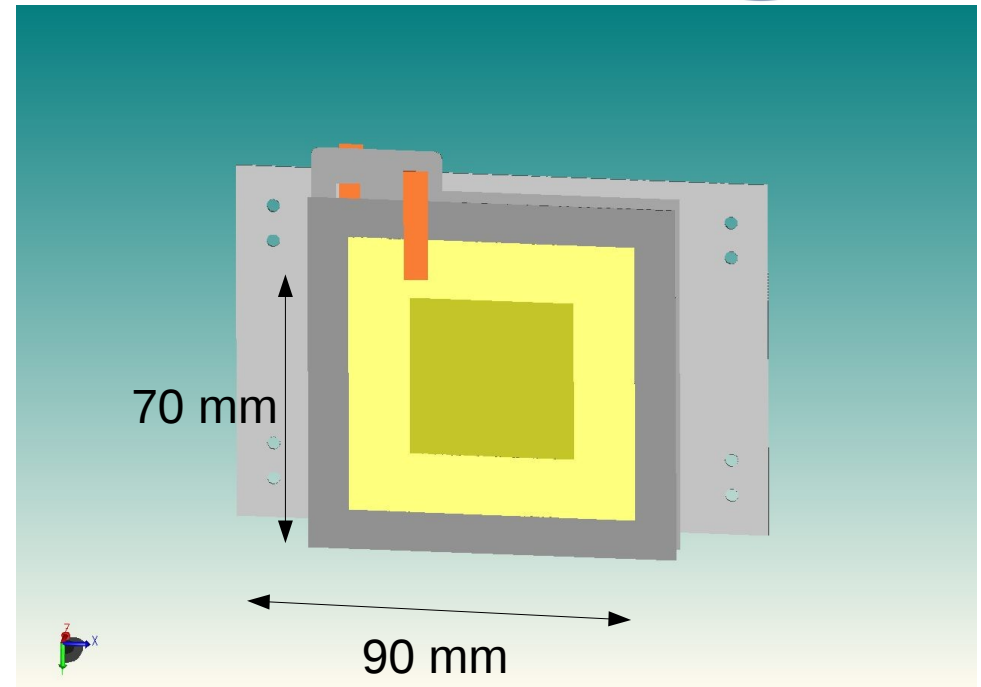
Drawing_1_Tracks_437_Hits



- Amir Noori Shirazi:
 - Simulation for InGrid
 - Track Reconstruction
 - Using Bivariate normal distribution for finding inliers hits in Hough space
 - Analysis
 - Efficiency and purity based on the reconstructed, ghost and clone tracks

- **Serhat Atay and Daisuke Kihara**

- Ceramic GEM
- Carbon coating GEM
- Comparing with Normal GEM



Components	Material
Ceramics Body	Glass-Alumina composite
Conductor	Ag
Plating(Top)	Au
Plating(Underlay)	Ni