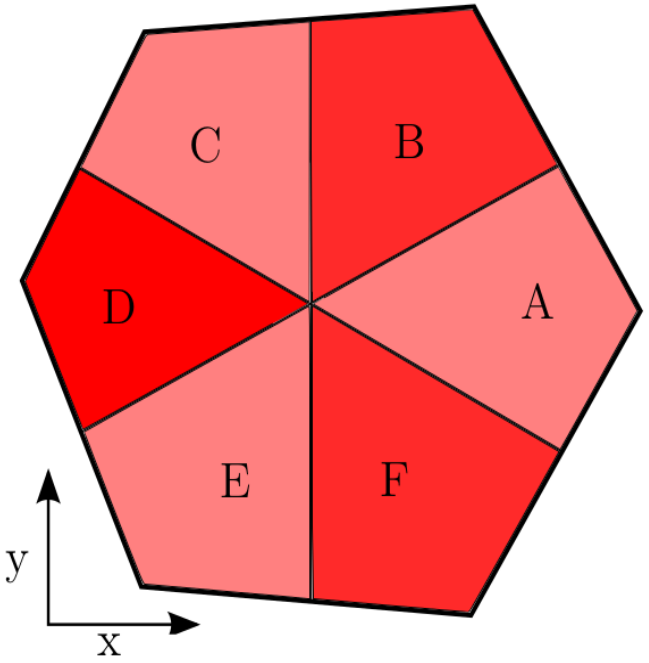
Questions on ADL

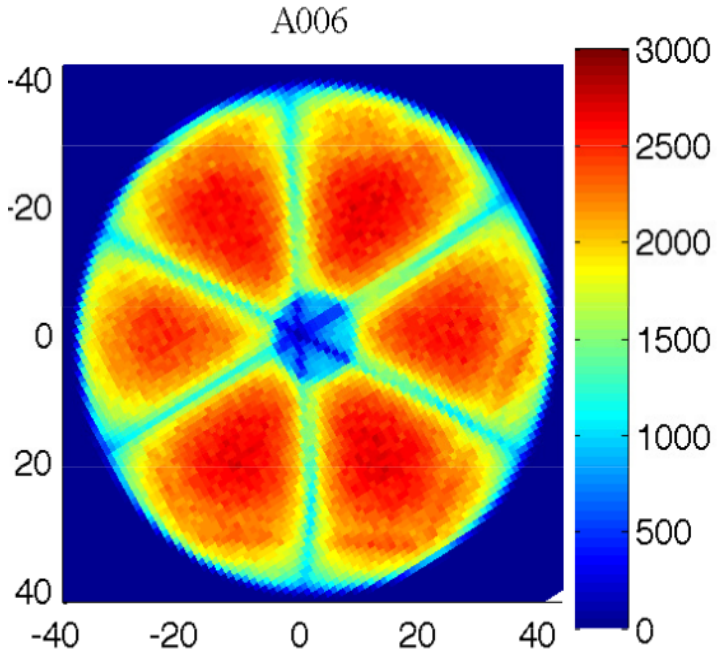
AGATA Week – Strasbourg – 11-14 September 2018

B. De Canditiis, G. Duchêne, F. Didierjean, M. Filliger, M.H. Sigward

A015: a segmentation problem [1]

- Segmentations go from one side center to the opposite one
- Segmentation crossing point does not match the center of the crystal



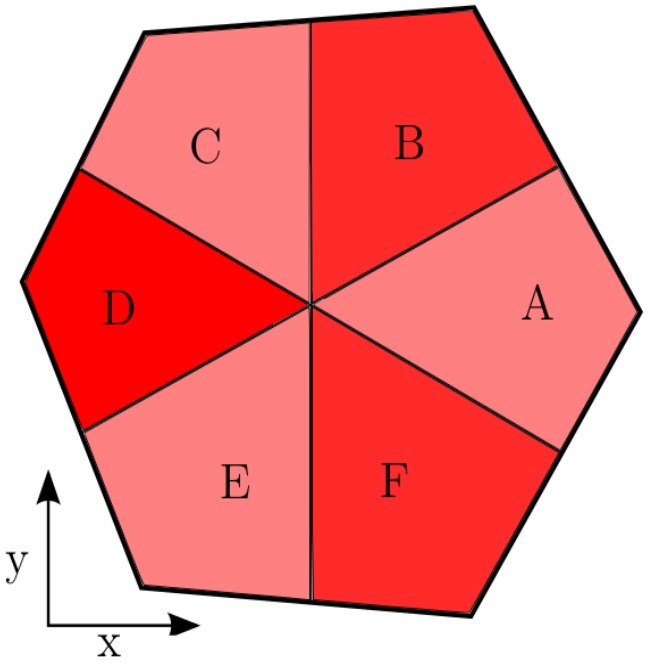


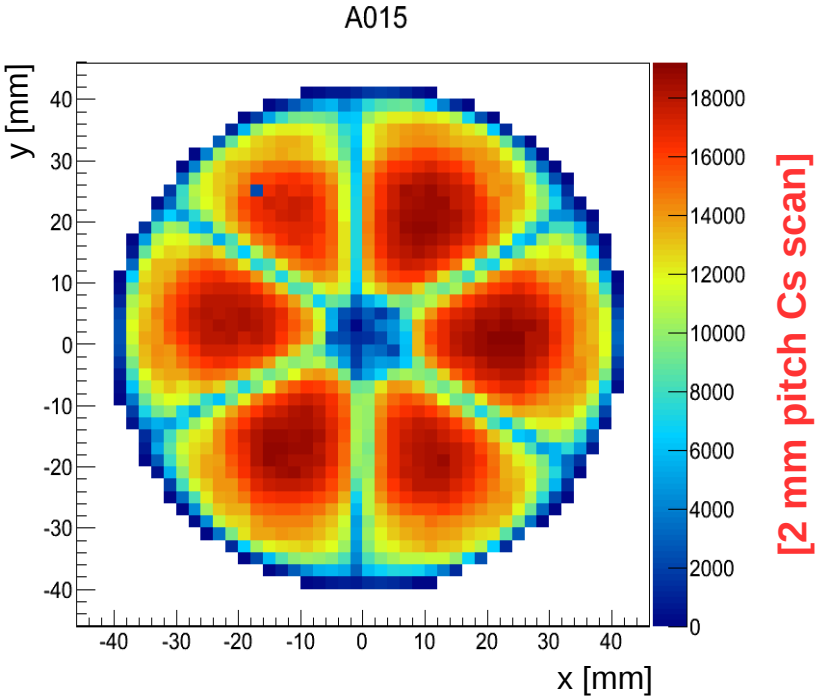
[1 mm pitch Cs scan]

From S.J. Colosimo PHD Thesis (Liverpool, UK)

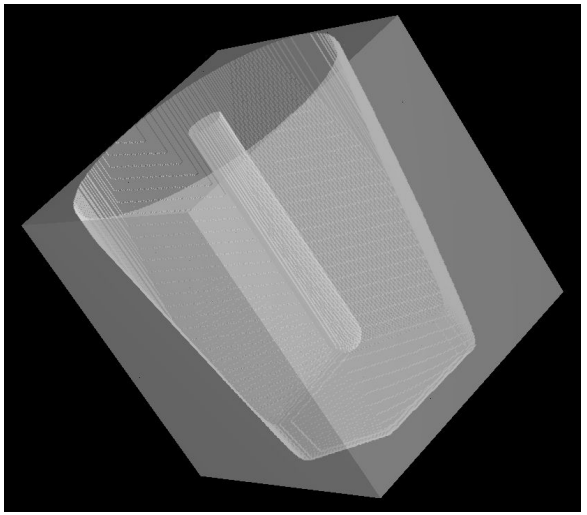
A015: a segmentation problem [2]

- Segmentations go from one side center to the opposite one
- Segmentation crossing point does not match the center of the detector

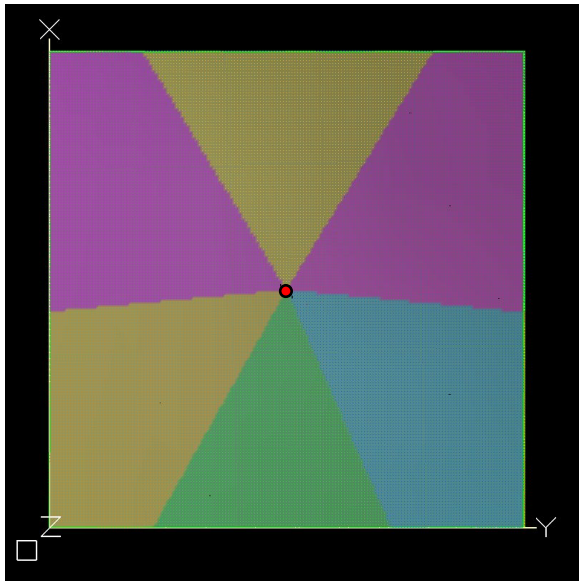




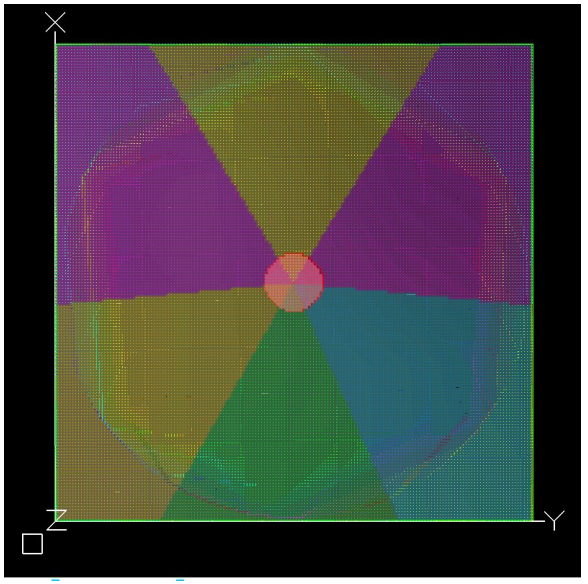
A015: a segmentation problem [3]



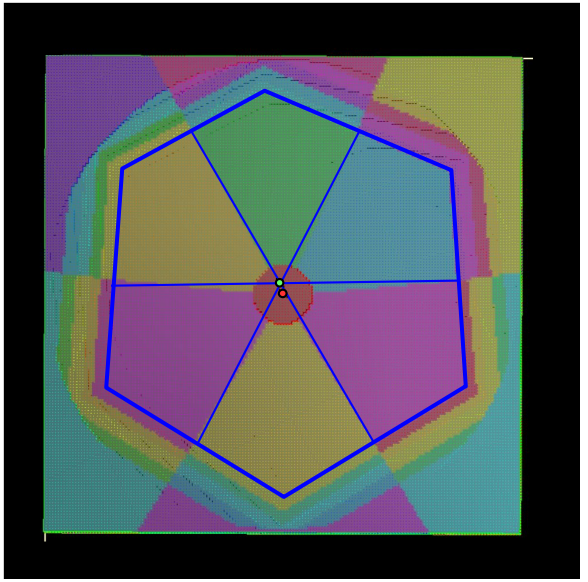
- SIMION files provided with ADL present different segmentation geometry
- It can have effects on PSA results and gammara ray tracking



FACE VIEW



FACE VIEW (transparency)



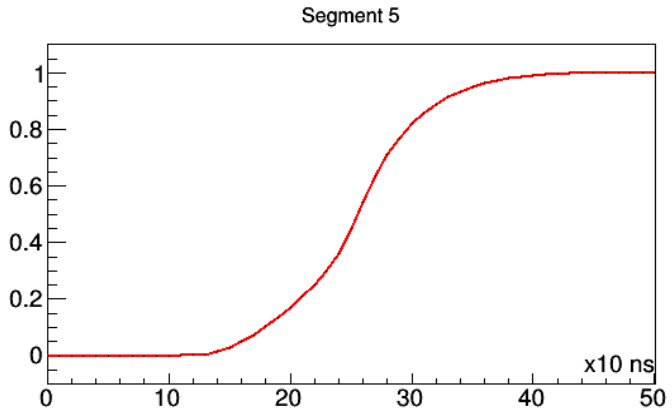
BOTTOM VIEW

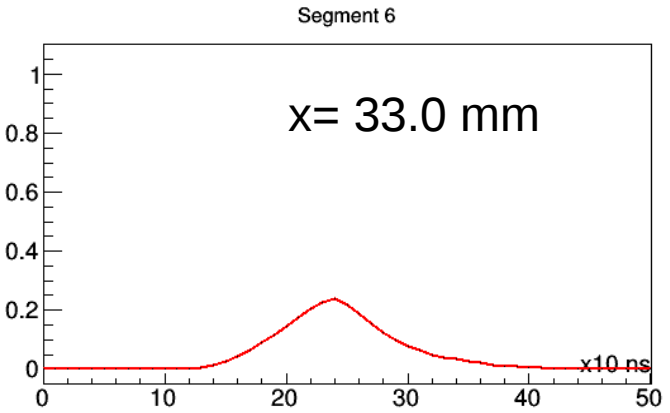
Perspectives

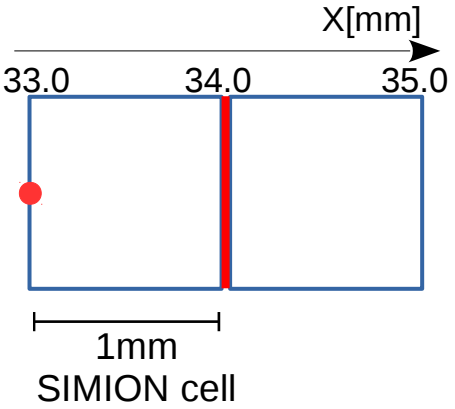
How much does the segmentation shift impacts on gamma tracking?

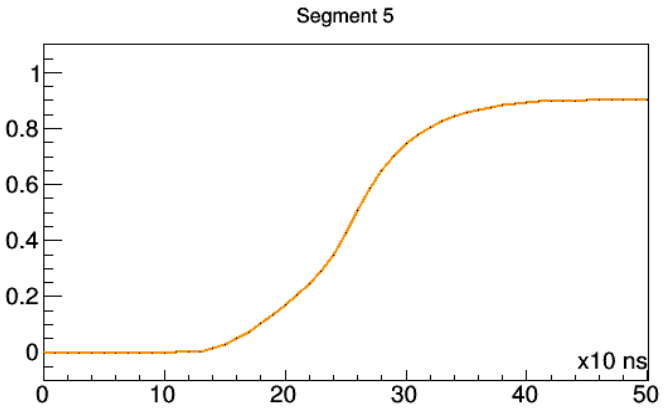
ADL segment border behavior

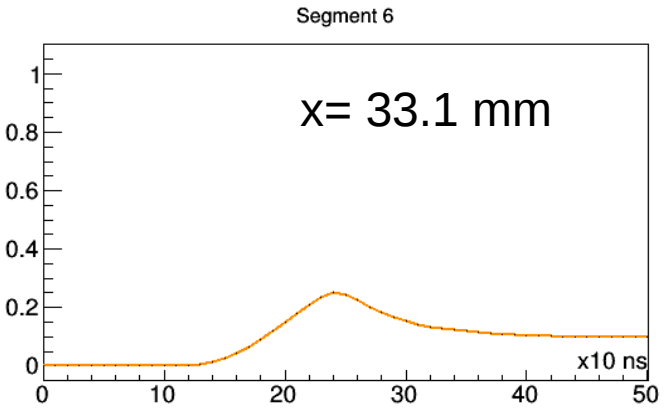
- WP and EF: 1x1x1 mm grid calculated with SIMION

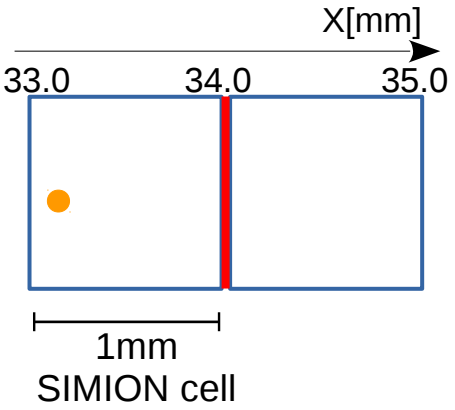












ADL segment border behavior

