

# 1D Bose-Einstein correlations

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# Fast reminder

- HBT interferometry can be used to study the diameters of source.
- For indistinguishable particles the phenomena is known as Bose-Einstein Correlations (BEC).
- BEC correlations occur as enhancement of same particles in the low  $Q$  region.
- We already observed the effects.
- For now I want to make BEC for pions, kaons are for future (less statistics).
- Use 2011 sample.

$$m = abB \quad (1)$$

