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Finite size of hadrons and Bose-Einstein correlations in pp collisions at 7 TeV

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I shall report the recently published paper [PLB748(2015)9], written together with Wojtek Florkowski and Kacper
Zalewski. Starting from the observation that the composite nature of hadrons implies space-time correlations between
produced particles, we studied consequences of this effect for the Bose-Einstein correlation function of identical particles.
The expected magnitude of these effects is evaluated using the recently performed blast-wave model analysis of the data
for pp collisions at $\sqrt{s}$ = 7 TeV.

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