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The PDFLattice2017 workshop: a summary report

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The workshop on Parton Distributions and Lattice Calculations in the LHC era (PDFLattice2017) has been hosted at Balliol College, Oxford (UK), shortly before DIS2017. The workshop has brought together communities involved in the determination of the parton distribution functions (PDFs) from lattice QCD, on the one hand, and from global QCD analyses of the data, on the other hand. The goal was to set precision targets for lattice calculations so that they can contribute, together with the experimental input, to achieve a next generation of PDF determinations. This talk summarizes the relevant outcome of the workshop.

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