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Combined analysis of collinear PDFs and FFs

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Global QCD analyses of PDFs and fragmentation functions (FFs) have traditionally been performed in completely independent studies. The JAM Collaboration, in contrast, has embarked on a systematic program to simultaneously extract PDFs and FFs from a wide range of processes using Monte Carlo methods. In this talk I will report new results on spin-averaged and spin-dependent PDFs and FFs from a simultaneous analysis of the world's high-energy scattering data, including for the first time data from unpolarized and polarized semi-inclusive DIS reactions

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