

# Backgrounds in the FCC-ee detector and consequences for the trigger and DAQ

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The very high luminosities anticipated at FCC-ee may pose constraints to the trigger system and to the data acquisition of the experiment. At the Z peak, the rate of physics events to be recorded can reach 100 kHz. Together with the high granularity of the detector, the high rates can lead to a very large volume of data to be sent to the acquisition system, and to be written to disk. The amount of machine-induced and beam-induced backgrounds largely determines this volume. This talk will report on ongoing detector simulations of background processes, and on their consequences for the trigger system.

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