

Events are (typically) not evenly distributed =>
Time between events is (again: typically) distributed according
to an inverse exponential distribution. =>
If you target x [Hz] data rate, blocking of the trigger
has to be (much) shorter than 1/x [sec]

[1] https://indico.cern.ch/event/1337180/contributions/5629322/attachments/2880440/5046367/isotdag24.Negri.DagIntro.pdf