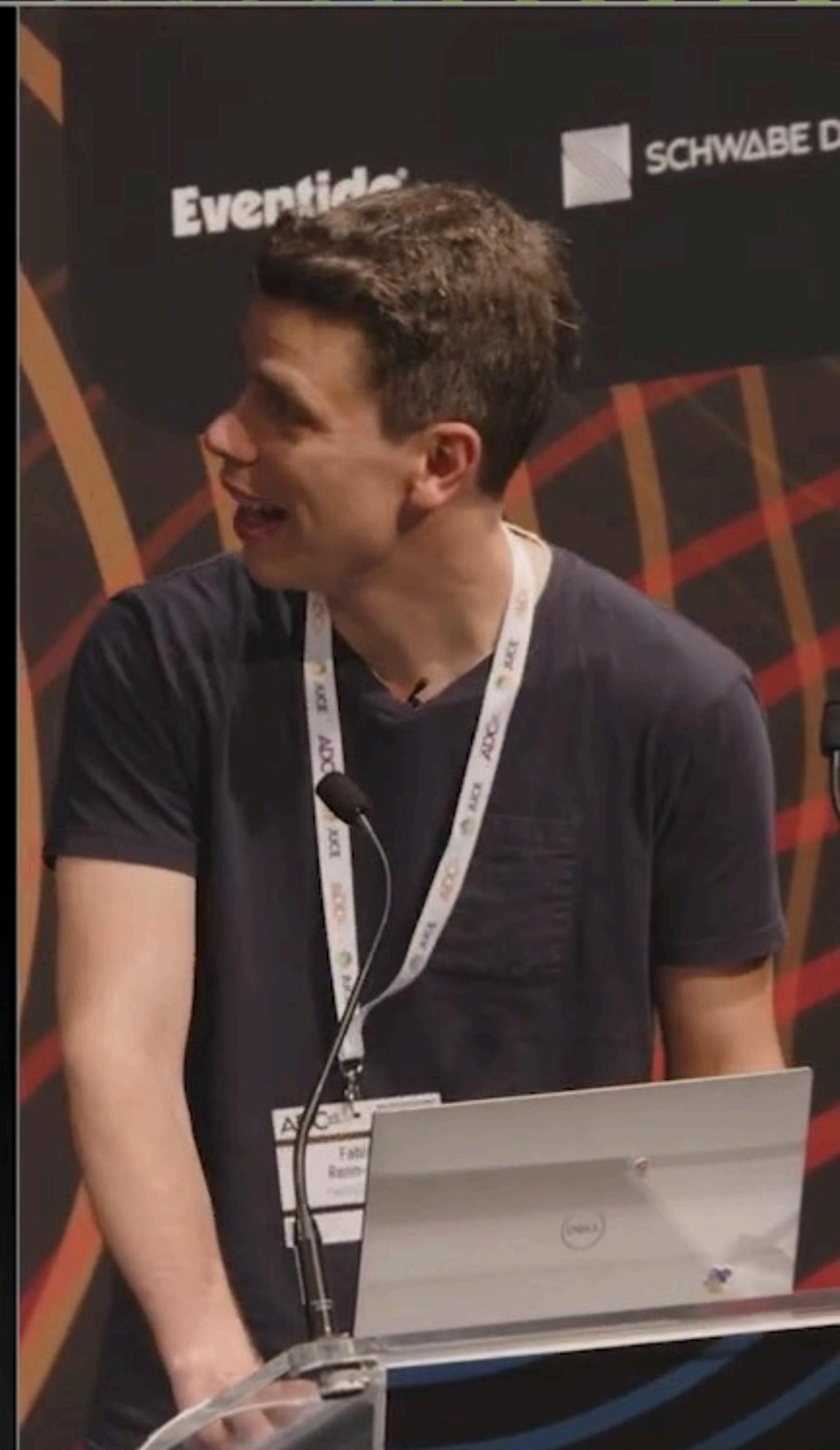


Sins & Confessions



FABIAN RENN-GILES

Blocking vs. Non-wait-free vs. Wait Free

Blocking

May context switch for example due to
a lock, system call etc.

Caches likely to be invalidated

Memory may be swapped

Non-wait-free

Execution time is unbounded

Must contain a loop (which is
unbounded)

Blocking operations are never wait-free
(but not vice versa)

Wait-free

Execution time is bounded*

No unbounded loops