Project 23: FIFO queue (C or Java)

A data structure (enqueue/dequeue operation) only touched upon in the lecture. Implement the FIFO queue from

> Ruslan Nikolaev: A Scalable, Portable, and
> Memory-Efficient Lock-Free FIFO Queue. DISC 2019:
> 28:1-28:16

Compare to a baseline implementation with locks on both operations (and if possible the implementation with two locks as on the lecture slides). Which are better, for which operations? Discuss possible experimental designs.