

# On Versions of Campbell's Theorem for Markovian Arrival Processes, with Applications

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**Talk will take place from 1:00PM - 2:00PM through Zoom.**

**Abstract:** We discuss a number of extensions of Campbell's Theorem for Markovian Arrival Processes (MAPs) which allow us to study both the distributions and the moments of various random variables associated with MAPs. Applications to infinite-server queues, shot-noise models, web traffic models and branching processes will be discussed.