

Abstract Submitted  
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**Universal fluctuations in noisy biological time-keeping** SRIVIDYA IYER BISWAS, James Franck Institute, University of Chicago, GAVIN CROOKS, Physical Biosciences Division, Lawrence Berkeley National Laboratory, Berkeley, NORBERT SCHERER, AARON DINNER, James Franck Institute, University of Chicago — In this talk, I shall discuss the scalings of fluctuations in cellular time-keeping, by considering the specific example of fluctuations in cell cycle durations, and how they are informed by fluctuations in cell growth. I will make connections to our observations of stochastic growth and division in single *C. crescentus* cells, made under different experimental conditions.

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