

UCLA Department of Physics & Astronomy

COLLOQUIUM

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Broken symmetries in living matter

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Active processes in living systems create a novel class of non-equilibrium material composed of many interacting parts that individually consume energy and collectively generate motion or mechanical stress. In this talk, I will discuss experimental tools and conceptual frameworks we develop to uncover laws governing order, phase transitions and fluctuations in systems in which individual components break time reversal symmetry.

Undergraduates Welcome!