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## **Coherence and transients in coupled dissipative kicked rotors**

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The dynamics of coupled dissipative driven systems is rich and complex. In this talk, we consider a ring of kicked rotors with dissipation and each interacts equally with a certain range of its neighbours. We focus on two phenomena: (1) when the rotors are non-chaotic, coherent spatiotemporal patterns are influenced by the coupling strength and the coupling range, and (2) when the rotors are chaotic, there are transient partially non-chaotic states persisting exponentially long as the coupling range increases up to a critical threshold.

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