## INTERFACES IN THE SYMBIOTIC BRANCHING MODEL

Marcel ORTGIESE University of Bath, UK, E-mail: m.ortgiese@bath.ac.uk

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**Abstract**: The symbiotic branching model describes a spatial population consisting of two types in terms of a coupled system of SPDEs. Locally, each type branches at a rate proportional to the other type. One particularly important special case is Kimura's stepping stone model in evolutionary biology. Our main focus is a description of the interfaces between the types in the large scale limit of the system. As a new tool we will introduce a moment duality, which also holds for the limiting model. This also has implications for a classification of entrance laws of annihilating Brownian motions.