

Parameter estimation for the evaluation and the comparison of microscopic crowd simulation algorithms.

Julien Pettré, Inria

In this talk, we will first provide a short overview of our research on crowd simulation and modeling. One specificity of our research work is to cover at the same time modeling, simulation activities with experimental studies of collective behaviors. We will then focus on recent techniques we proposed to evaluate parameters for various simulation algorithms on given dataset, enabling a fair comparison of different simulation results. We will conclude the talk by presenting some perspectives for future research.