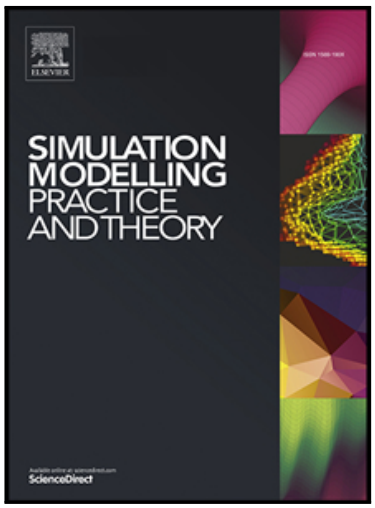

Shape Matters: Modelling, Calibrating & Validating Pedestrian Movement Considering Groups

Luca Crociani, Yiping Zeng, Giuseppe Vizzari, Stefania Bandini

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Highlights

- A model that accounts of the shape of groups in pedestrian simulation
- Extensive calibration on parameters governing the model for pedestrian groups
- Validation with benchmark tests about the fundamental diagram of pedestrian traffic
- Qualitative evaluation of the simulated behaviour of pedestrians