



## connecting pedestrian and epidemiological models

# impact

August 22nd 12:00-17:00  
followed by drinks & dinner

### Part I · Pedestrian Model

- |                                 |   |
|---------------------------------|---|
| 12:00-12:45<br>Andrew Heathcote | Predictive pedestrian overview: A flexible microscopic agent model based on discrete choice |
| 12:45-13:00<br>Noah Hatakeyama  | Patient agents: Queuing in the Minds for Mobile Agents                                      |
| 13:00-13:15<br>Lucie Pressl     | Psychology unleashed: Empowering cognitive agents in the M4MA model                         |
| 13:15-13:30<br>Benjamin Davey   | The influence of station design on mental states of passengers: A simulation study          |

### Part II · Epidemiological Model

- |                                  |  |
|----------------------------------|--|
| 14:00-14:45<br>Quirine ten Bosch | Indoor transmission modeling - intersecting behavior, virus, and environment to inform intervention strategies |
|----------------------------------|--|

### Part III · Connecting the models & discussion

- |                             |  |
|-----------------------------|--|
| 14:45-15:30<br>Colin Teberg | Integrating disease transmission with pedestrian movement - from interface to implementation |
| 16:00-17:00                 | Group discussion: next steps and applications  |