# Imperial College London



### Created geometry and mesh with IGG

- 12 people, heated with Robin BCs
- Infective tracer emitted from each person

outlet

examining:

## **CFD and ventilation modelling for COVID-19** P. Salinas, S. Dargaville, A. Joshi, L. Mottet, C.C. Pain Applied Modelling and Computational Group (AMCG)

10 quanta/h	100 quanta/h	1000 quanta/h
4.1% (0.42%)	13.9% (1.05%) 12.6% (1.07%)	40.2% (24%)
3.9% (0.43%)	13.0% (1.07%)	44.3% (33%)