



TITLE: Numerical and experimental modeling of airborne diffusion of saliva micro-droplets

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UNIVPM Research Group: Thermo Fluid-Dynamics Group

Research activity description: We are developing models, taking into account inactivation mechanisms, in order to investigate saliva droplets diffusion in outdoor and indoor conditions. The main aim of this research is gain an insight of the safety distances to be guaranteed in different daily conditions.

Link: <https://arxiv.org/abs/2011.14946>

Collaborators: Prof. Renato Ricci,
Dr Luca Giammichele, Dr Matteo Falone

