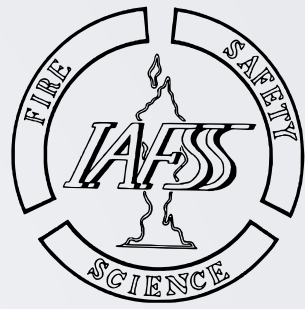




# The (mis)use of controversial terminologies in evacuation research



Speakers: **Dr. Anne Templeton & Dr. Milad Haghani**

Time and data: **09:00 AM (CET) on the 8th of February, 2022.**

Link to register to the webinar: <https://forms.gle/uRXYHK1L5UVWZTrp7> (you will receive an invite after registration).

This is the third event of a webinar series arranged by the permanent working group on Human Behaviour in Fires by the International Association for Fire Safety Science (IAFSS).

As researchers working in the field of pedestrian dynamics, we have experienced that a presentation of a piece of research on the topic of crowd evacuation, whether to an academic audience or lay audience, barely goes by without researchers being confronted with these questions: How about the effect of panic? The question is also often accompanied by follow-up questions on irrational behaviour during evacuations and herding and/or stampede phenomena and how we take those into account in our computational models or experimentations. The presenters will critically analyse the use of these controversial terms and their scientific suitability in evacuation research. They address:

- The origin of these notions in social psychology and their current stand on these theories
- The origin and infiltration of these terms into evacuation research
- The prevalence of these terms in the literature and their variation over time & geographical regions
- The implications of the use of the terms on evacuation research and crowd management practice

Clear recommendations will be made on how the controversy surrounding these terms could be addressed in future publications.



Dr. Anne Templeton is a UKRI Future Leaders Fellow in the Department of Psychology at the University of Edinburgh (Scotland). She specialises in understanding intra- and inter-group processes in collective behaviour with a particular focus on applying the social identity approach to pedestrian simulation.



Dr Milad Haghani is a Senior Lecturer and an Australian Research Council DECRA Fellow at the School of Civil and Environmental Engineering of The University of New South Wales (UNSW, Sydney). He specialises in various domains of human factors and public safety research, particularly pedestrian and evacuation dynamics.