

## Referencias relacionadas a la charla:

### “Modelado de Tránsito Peatonal y Dinámica de Multitudes”

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- D.R. Parisi, P. A. Negri, L. Bruno. "Experimental characterization of collision avoidance in pedestrian dynamics". *Physical Review E*, 92, 062817 (2016).
- A. Garcimartín, D.R. Parisi, J. M. Pastor, C. Martín-Gómez, I. Zuriguel. "Flow of Pedestrians through Narrow Doors with Different Competitiveness". *Journal of Statistical Mechanics: Theory and Experiment*, 2016:4, 043402 (2016).
- J. M. Pastor, A. Garcimartín, P. A. Gago, J. P. Peralta, C. Martín-Gómez, L. M. Ferrer, D. Maza, D.R. Parisi, L. A. Pugnaloni, I. Zuriguel. "Experimental proof of Faster-is-Slower in systems of frictional particles flowing through constrictions". *Physical Review E*, **92**, 062817 (2015).
- R.C. Hidalgo, D.R.Parisi, I. Zuriguel, "Simulating competitive egress of non-circular pedestrians" (In preparation).
- I. Zuriguel, D. Parisi, R. Cruz Hidalgo, C. Lozano, A. Janda,P.A. Gago, J. P. Peralta, L. M. Ferrer, L. A. Pugnaloni, E. Clément, D. Maza, I. Pagonabarraga, A. Garcimartín. "Clogging transition of many-particle systems flowing through bottlenecks". *Scientific Reports* 4, 7324; DOI:10.1038/srep07324 (2014).
- A. Garcimartín, I. Zuriguel, J.M. Pastor, C. Martín-Gómez, D.R. Parisi. "Experimental evidence of the "Faster Is Slower" effect". *Transportation Research Procedia* 2, pp. 760 – 767, (2014).
- D.R. Parisi, R. Josens. "Human-Ant Behavior in Evacuation Dynamics". In *Traffic and Granular Flows '13*. Chraibi, M., Boltes, M., Schadschneider, A., Seyfried, A. (Eds.). Springer, (2015). ISBN-13: 978-3319106281.
- D.R. Parisi, S. A. Soria, R. Josens. "Faster-is-slower effect in escaping ants revisited: Ants do not behave like humans". *Safety Science* 72, 274–282 (2015).
- S. Boari, R. Josens y D. Parisi. "Efficient egress of escaping ants stressed with temperature". *PlosOne*, Vol. 8, (11), e81082, (2013). (<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0081082>)
- P. A. Gago, D. R. Parisi y L. a. Pugnaloni. " 'Faster is Slower' Effect in Granular Flows". In *Traffic and Granular Flows '11*. V. V. Kozlov, A. P. Buslaev, A. S. Bugaev, M V. Yashina, A. Schadschneider , M. Schreckenberg (Editors). Springer, pp. 317-324, (2013). ISBN-10: 3642396682, ISBN-13: 978-3642396687.
- G. Baglietto y D. R. Parisi. "Continuous-Space Automaton Model for Pedestrian Dynamics". *Physical Review E*, Vol. 83, 056117, (2011).
- Helbing, D., Farkas, I. J. & Vicsek, T. Simulating dynamical features of escape panic. *Nature*, 407, 487-490 (2000).
- D. R. Parisi, D. Sornette y D. Helbing. "Financial price dynamics and pedestrian counterflows: A comparison of statistical stylized facts". *Phys. Rev. E* 87, 012804, (2013).
- D. R. Parisi. "Bulls and Bears in a Pedestrian Counterflow System". *Advances and Applications in Statistical Sciences*. Vol. 2 (2), pp. 347-357, (2010).