

# Computer Models For Fire and Smoke

*Model Name:*

Simulating dynamical features of pedestrian escape panic (Nature 2000)

*Version:*

v1.0

*Date:*

Sep. 2000

*Model Actively Supported?:*

Yes

*Classification:*

Field model

*Very Short Description:*

Physical simulation model.

Continuous in both space and time (necessary for the simulation of high densities).

*Modeler(s), Organization(s):*

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*User's Guide:*

Please see the README file of the downloaded software package.

*Technical References:*

Please see the README file of the downloaded software package.

*Validation References:*

Please see the original publication:

D Helbing, I Farkas, T Vicsek. Simulating dynamical features of escape panic.

Nature (2000) vol. 407, pp. 487-490

URL: <http://www.nature.com/nature/journal/v407/n6803/abs/407487a0.html>

*Availability:*

Download: <http://panics.org>

*Price:*

Free for non-profit users.

*Necessary Hardware:*

PC or Mac.

*Computer Language:*

C. Visualization uses X11.

*Size:*

97 kB

*Contact Information:*

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*Detailed Description:*

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