4th Latin American SCAT Workshop Facultad de Ciencias Físicas y Matemáticas Universidad de Chile

Satellite School on Numerical Methods — 29 Sept. to 3 Oct. 2008

Natural Hazards and Numerical Simulation: the case of catastrophic flows

Lecturer:

Dr Lydie Staron, Institut Jean le Rond d'Alembert, Paris.

Duration

2 hours.

Description

The aim of the course is to give a broad overview of the use of numerical simulation for studying and predicting the behavior of catastrophic flows, with focus on the problems arising from the granular nature of these flows.

Various examples of catastrophic flows in nature will be presented, stressing the difficulty of capturing the



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