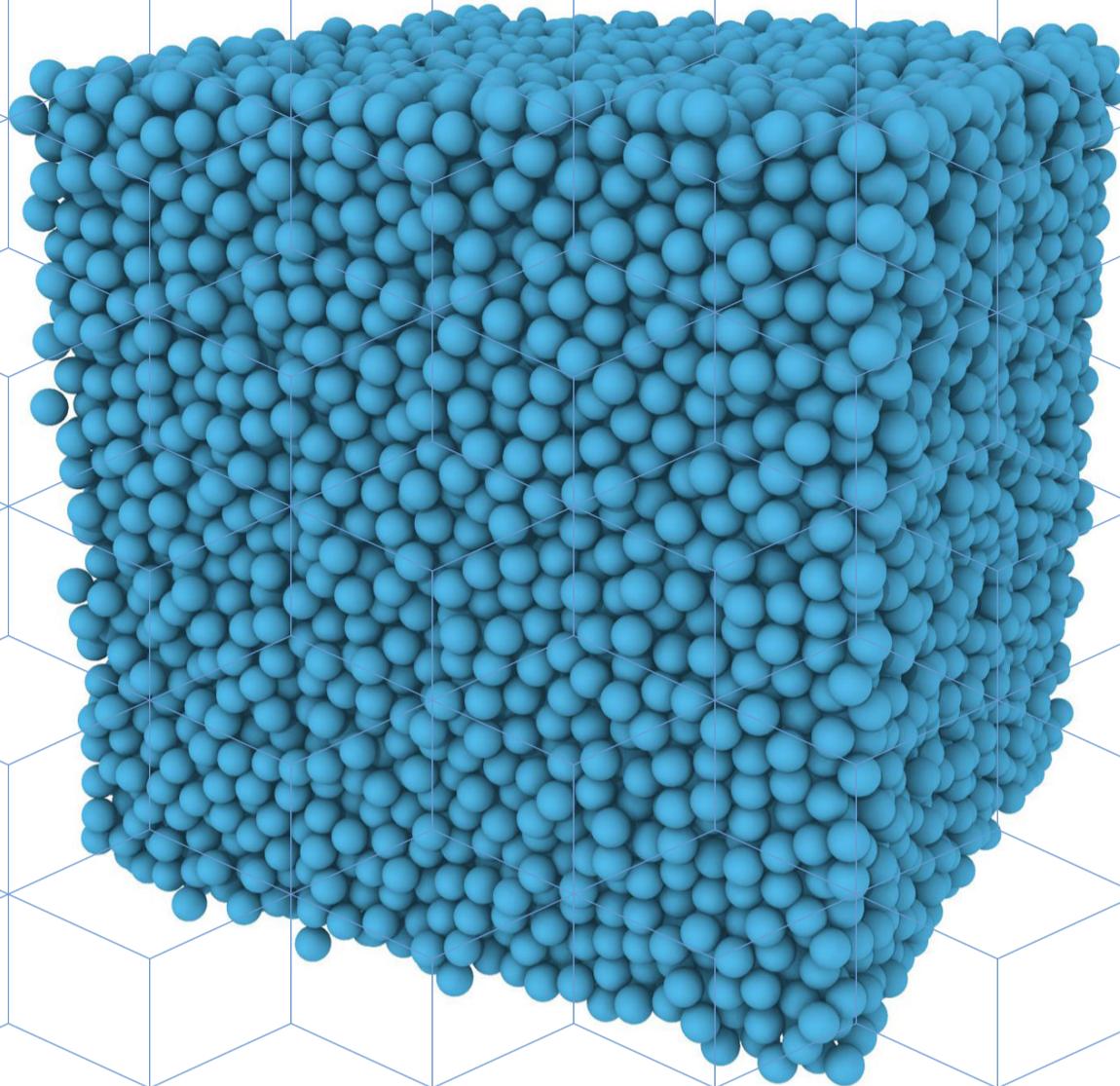


PHYSICS COLLOQUIA

2018/2019



Catastrophic failure of amorphous solids is seen in earthquakes, mud slides and avalanches.

I will discuss the fundamental physics of such failures, both from the mechanical and from the statistical physics points of view.

I will explain the theory of mechanical yield, and connect the phenomenon to a spinodal point of a first order phase transition where critical effects can be measured and discussed.

The lecture will not assume prior knowledge of the subject.



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JAN 2019

Itamar Procaccia

Weizmann Institute of Science, Rehovot, Israele

Catastrophic failure of amorphous solids



UNIVERSITÀ DEGLI STUDI DI MILANO
DOTTORATO DI RICERCA IN FISICA
ASTROFISICA E FISICA APPLICATA

Gli incontri si terranno alle **ore 14:30**
nell'**aula A** del **DIPARTIMENTO DI FISICA**
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