

¿Quiénes somos?

Integrantes:

Dr. Rodolfo Uñac

Ing. Oscar Benegas

Dra. Irene Ippolito

Dra. Ana Vidales

**3 tesis de Doctorado
en Física**

2 Becarios de grado

2 Pasantes



Trabajamos desde 2003

**2008 Montamos Laboratorio
Producciones:**

**24 PUB. Int. 9 PUB. Actas
+40 presentaciones Congr.**

1 Tesis de grado (Lic. Física)

3 Tesis grado (Ing.)

8 informes técnicos a Ind.

¿A qué nos dedicamos actualmente?

Dos grandes líneas de trabajo



SIMULACIONES

**Mezcla y
segregación de
partículas**

Compactación

Drenaje

**Estabilidad en
apilamientos
cuasi- 2D y 3D**

Resuspensiones



EXPERIMENTOS

Básicos

Compactación de partículas

Segregación por flujo

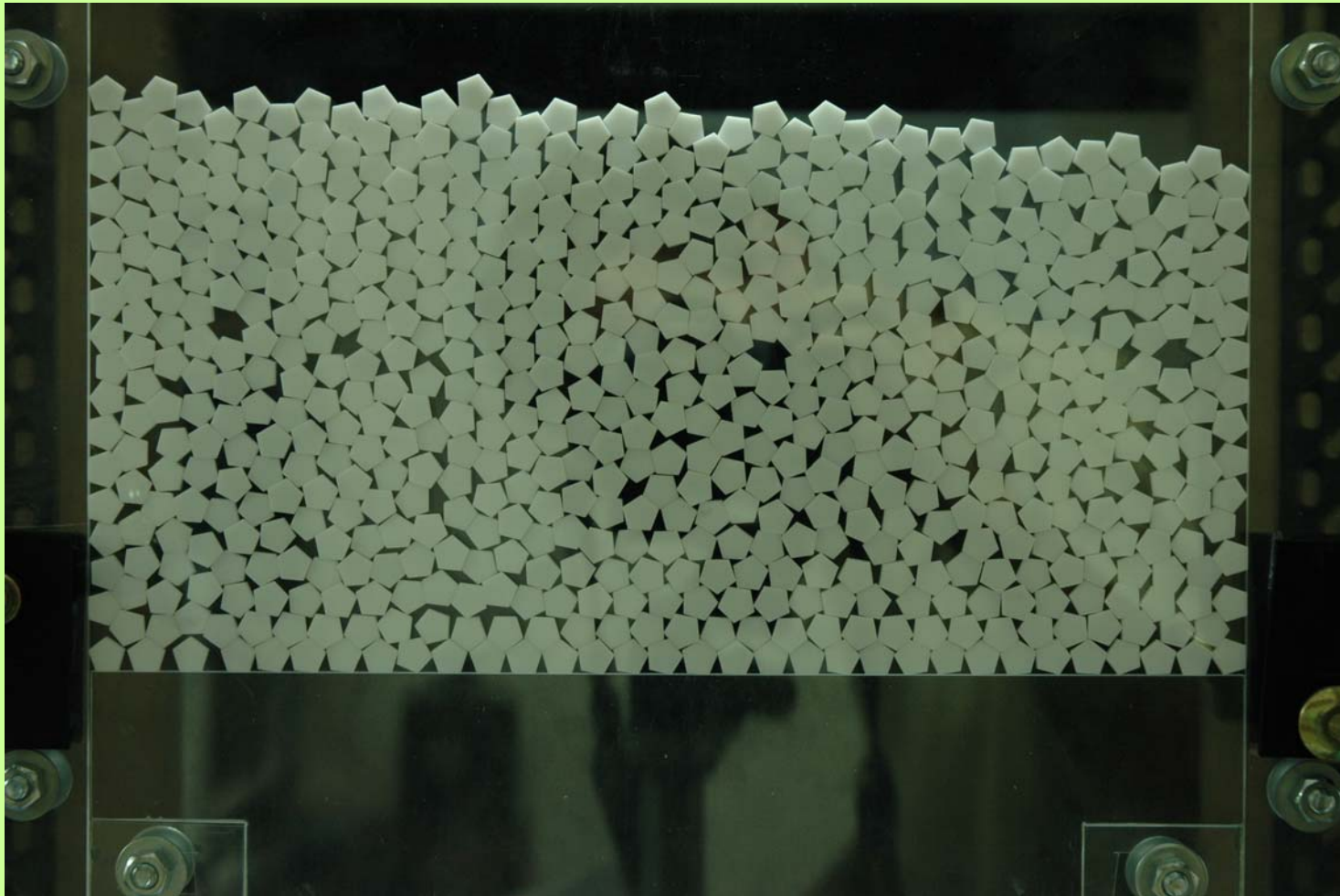
Resuspensiones

Aplicados

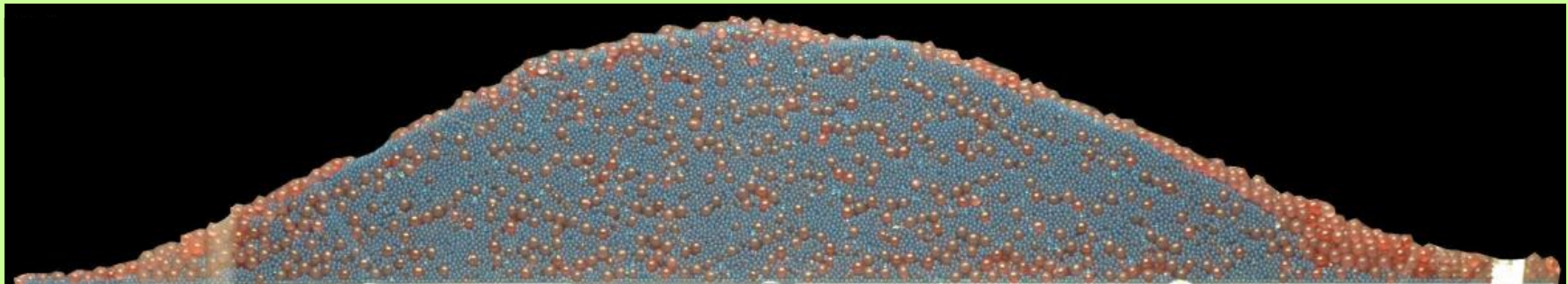
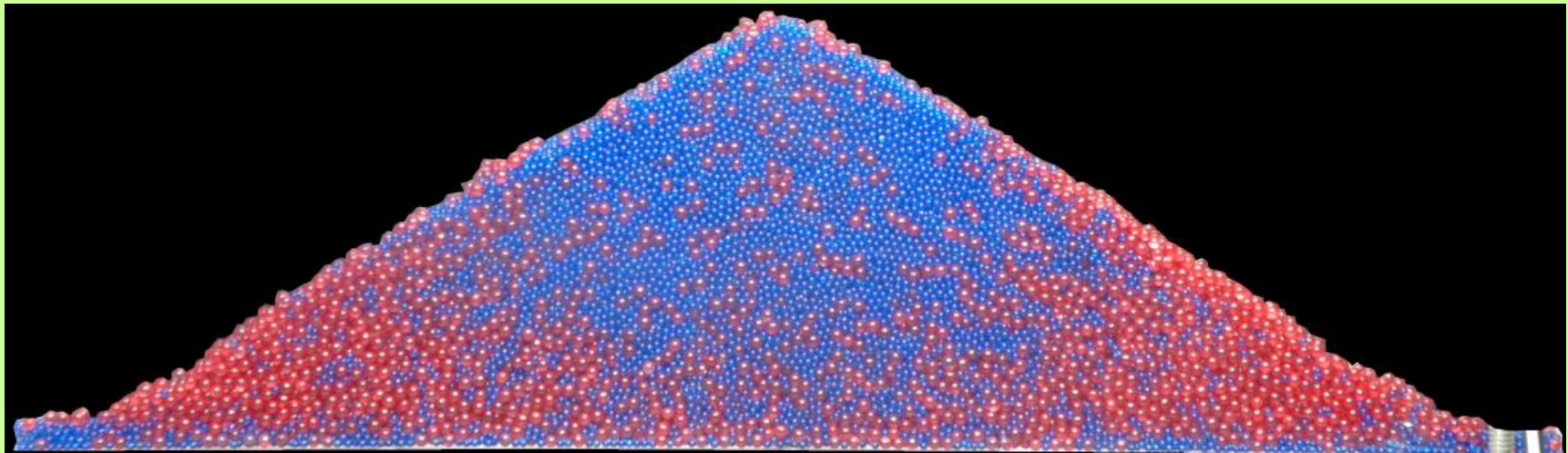
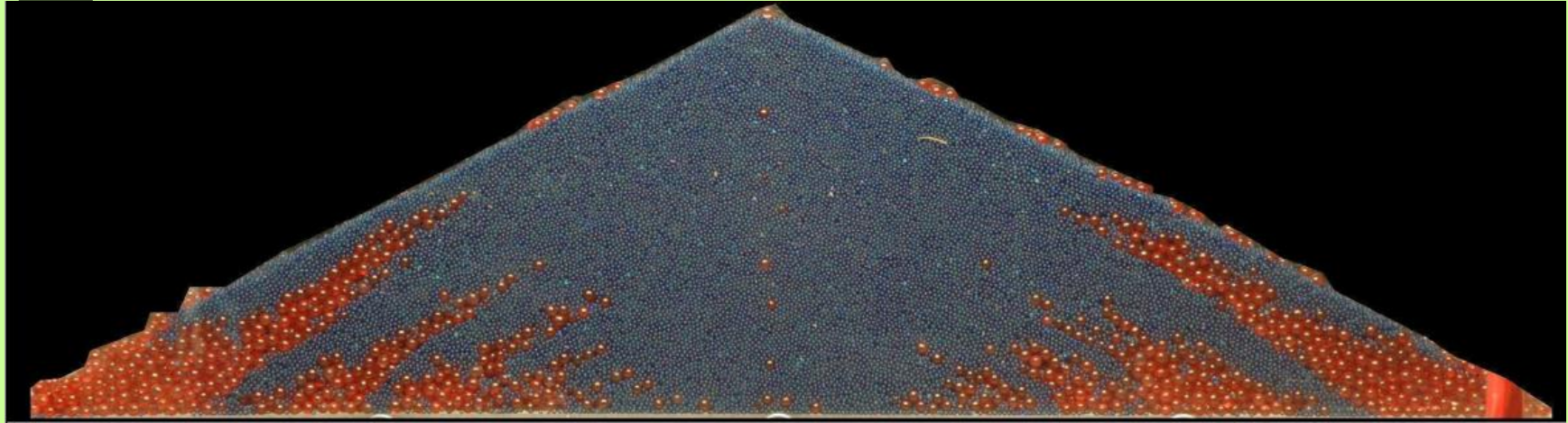
**Caracterización de áridos
para uso vial**

Flujo en tolvas

Hormigones

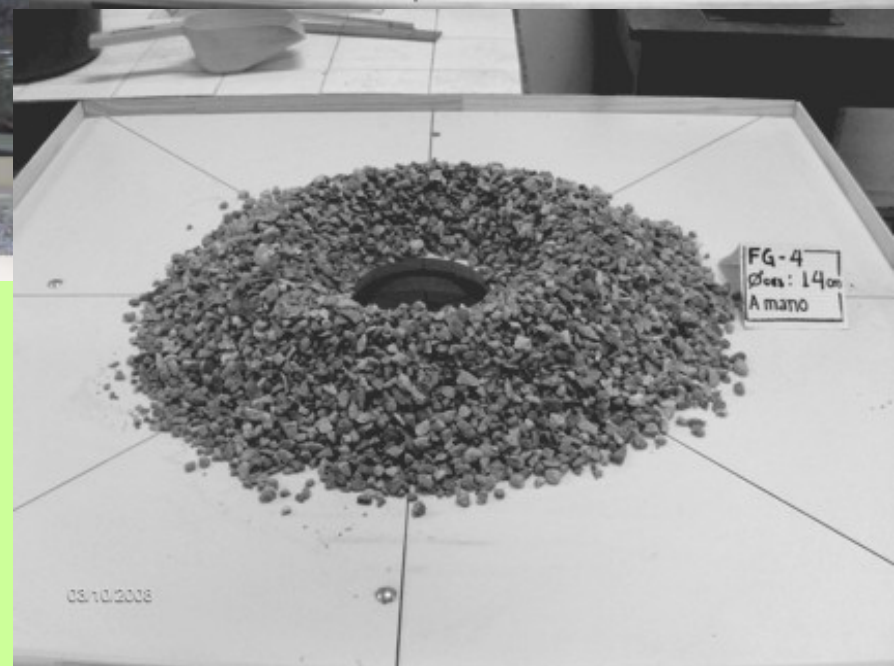
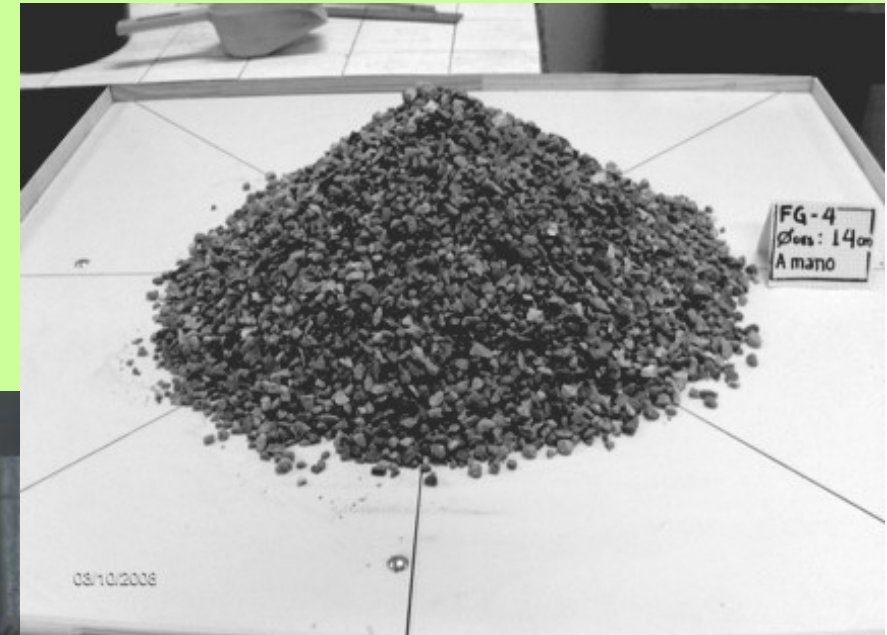


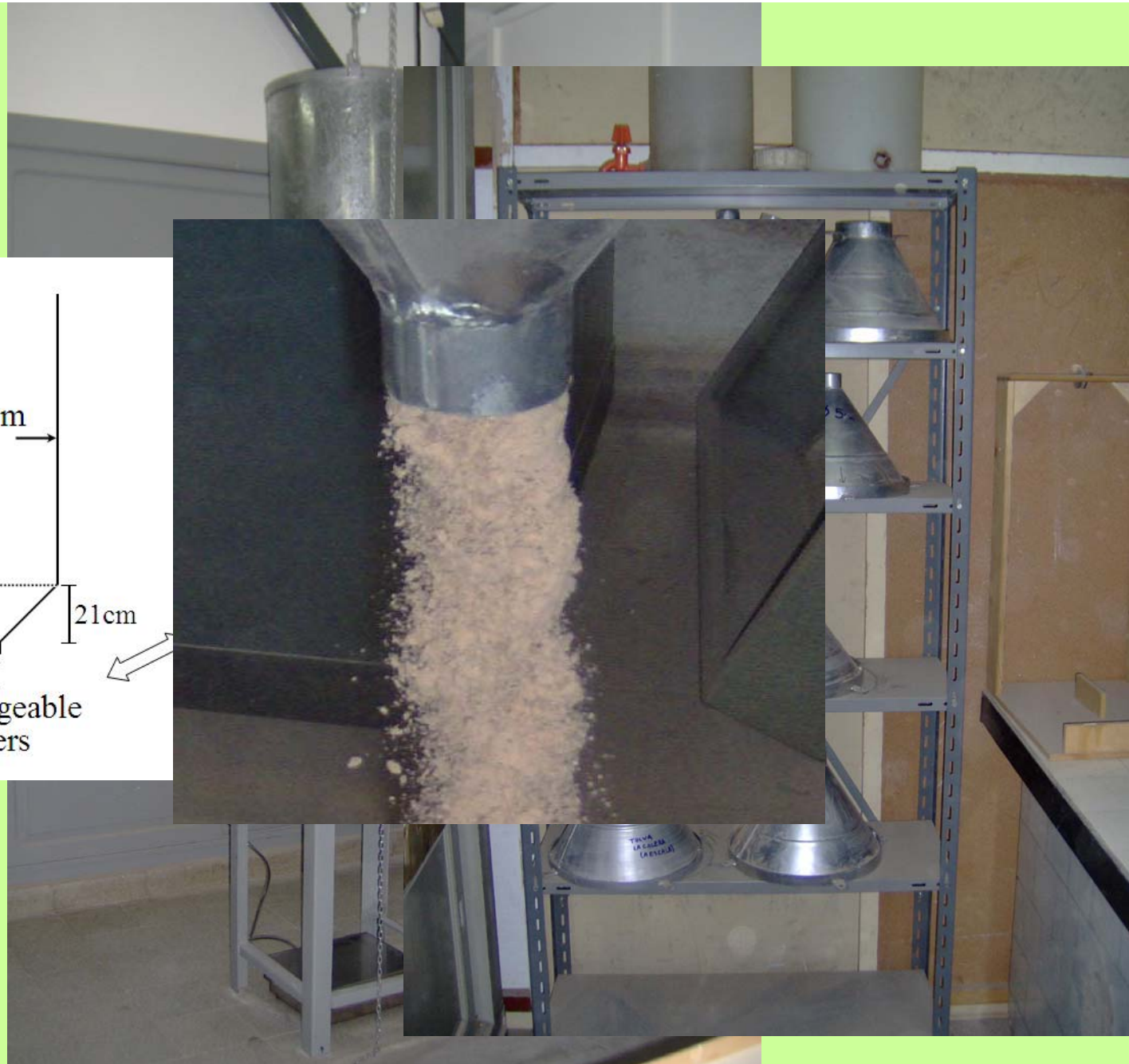
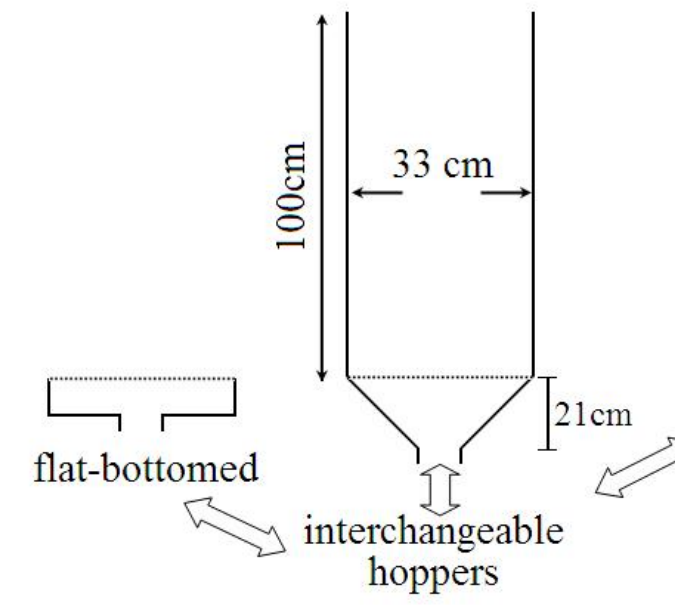
Pentágonos en celda de Hele Show



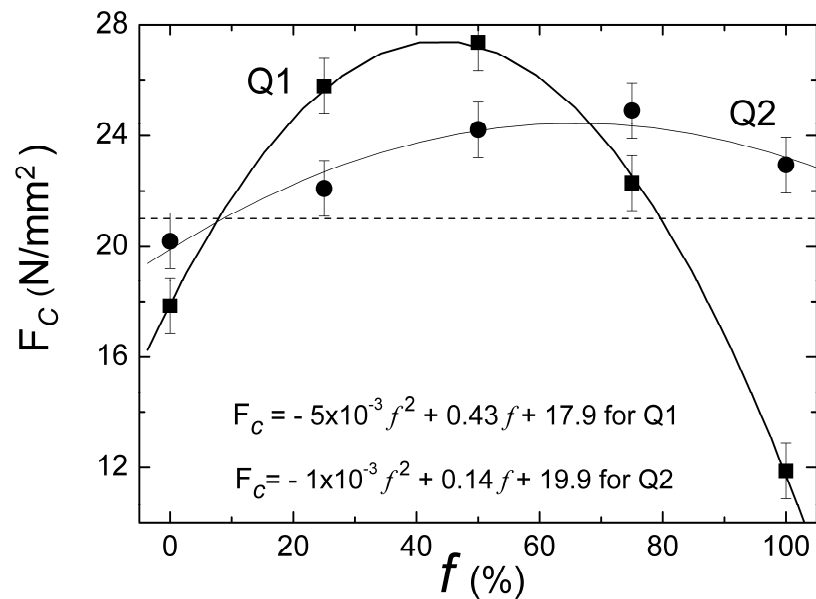
Medida de ángulos de estabilidad

Estandarización de técnicas



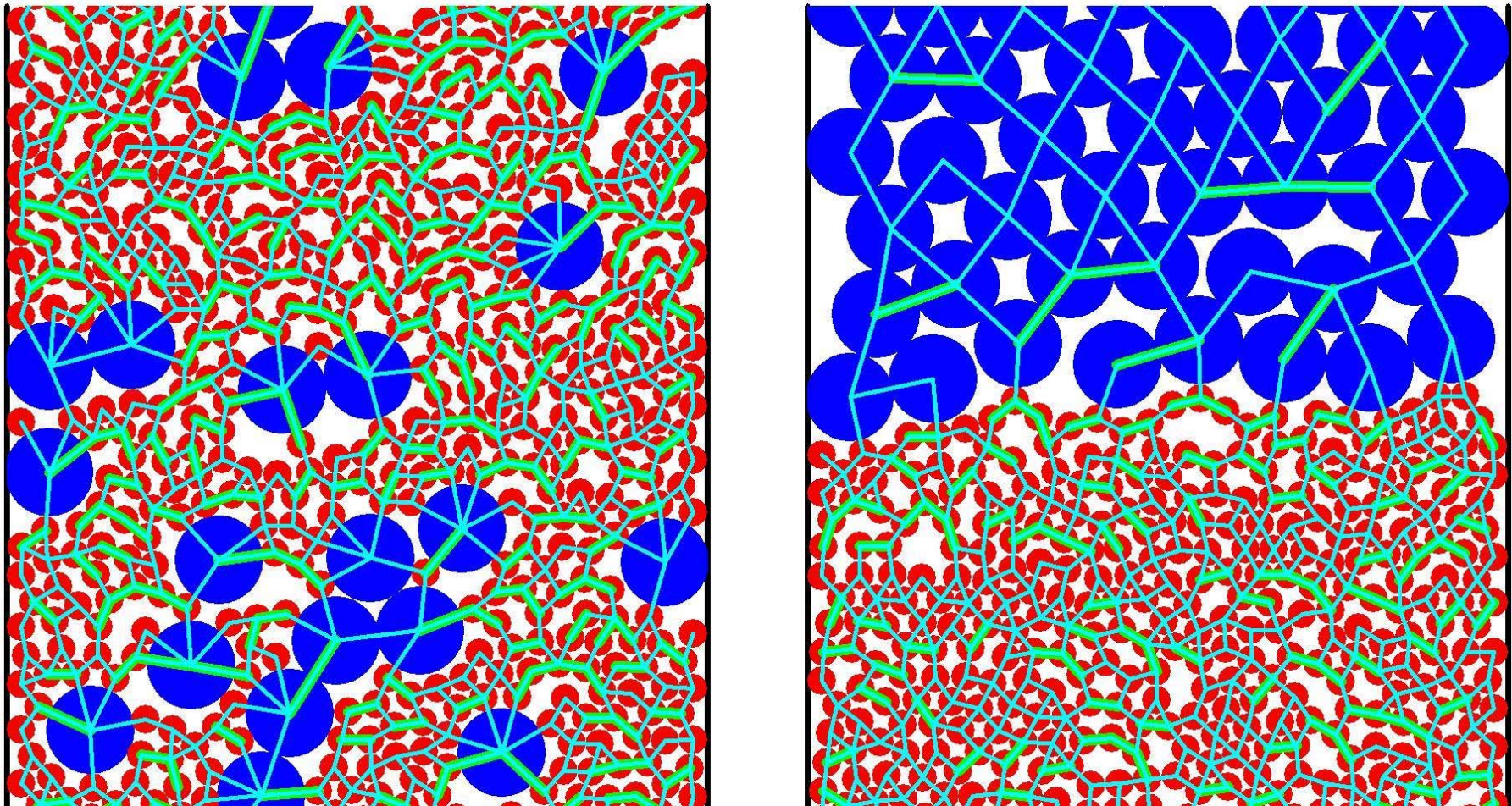


Proyecto Tecnológico Recuperación Pasivos Ambientales



PSDM

50



0

-80

-60

-40

-20

0

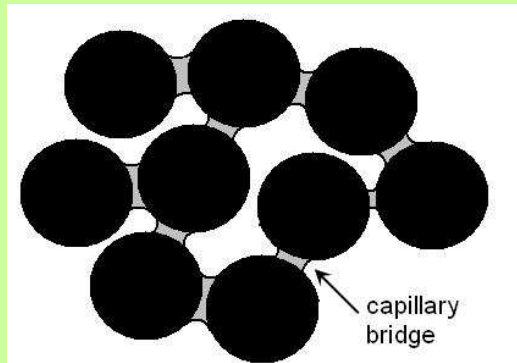
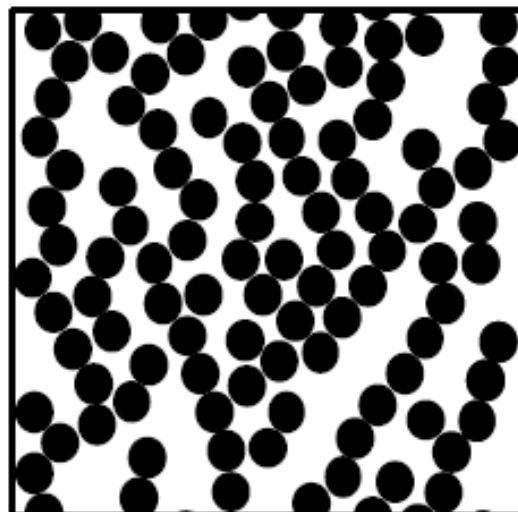
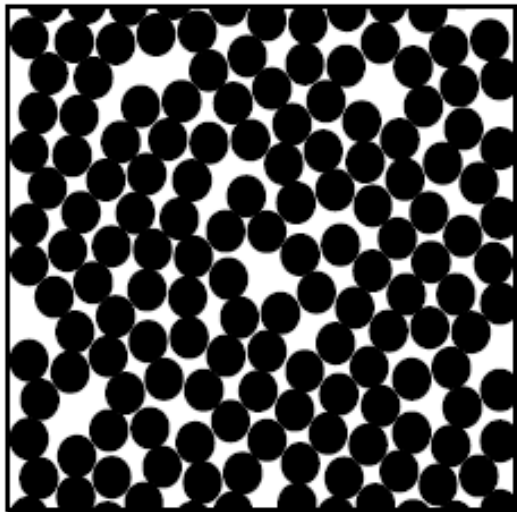
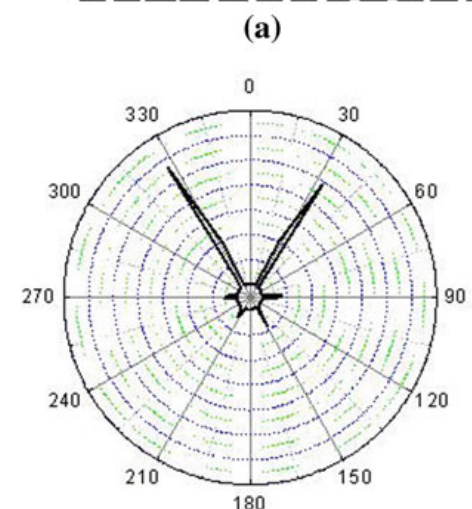
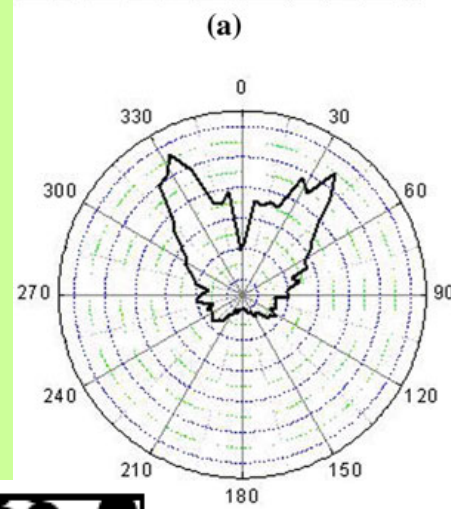
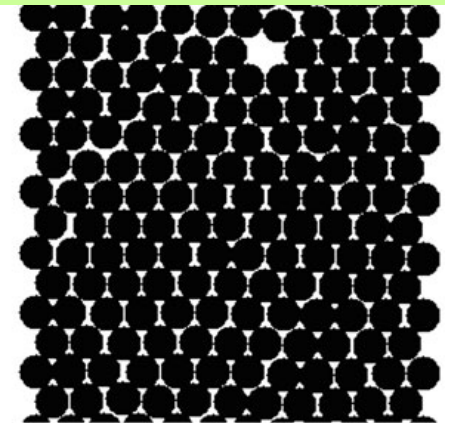
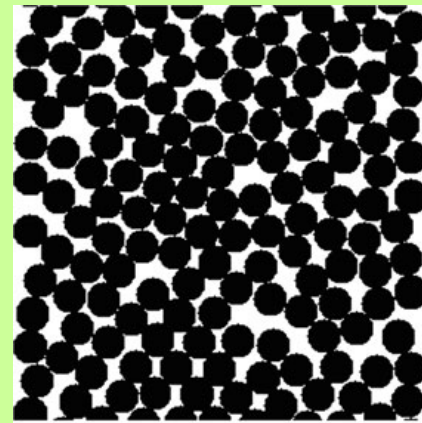
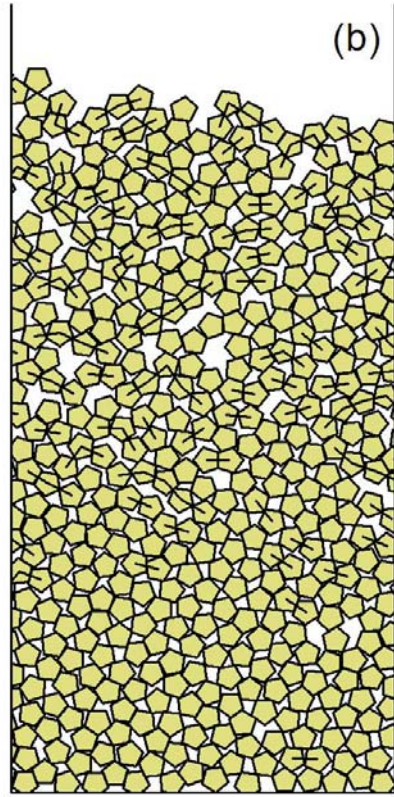
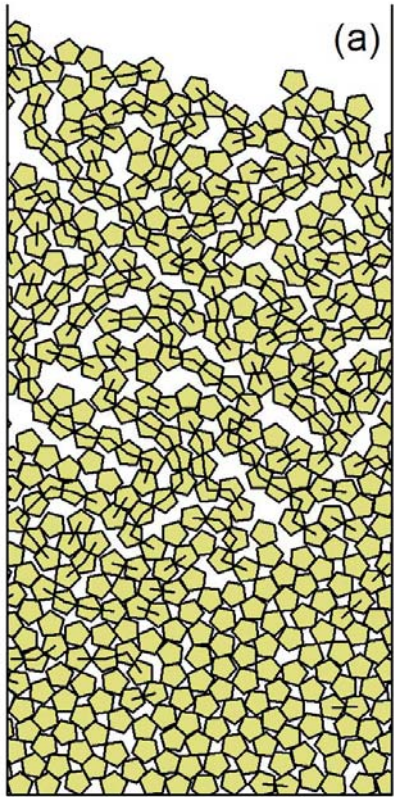
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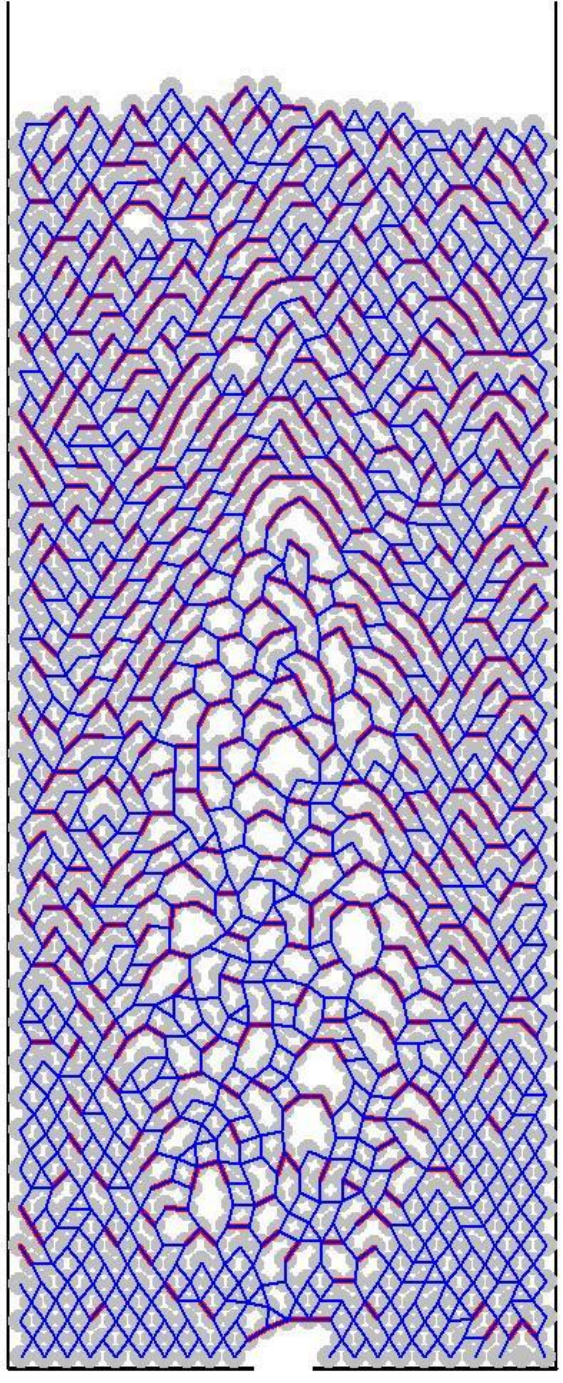
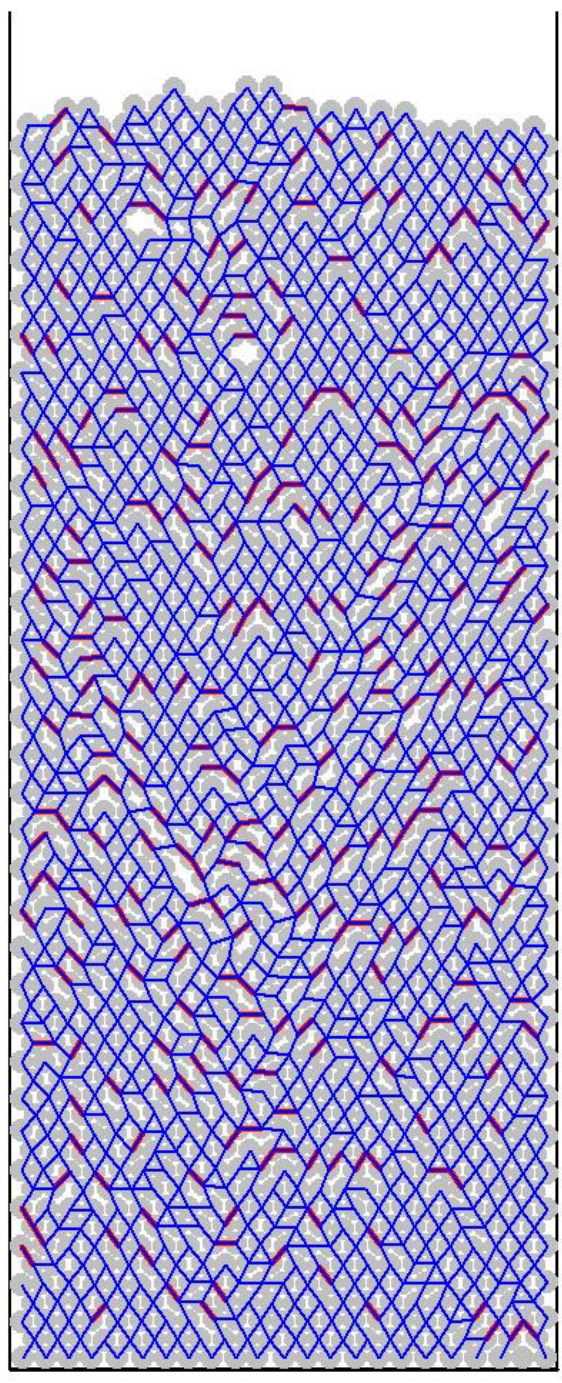
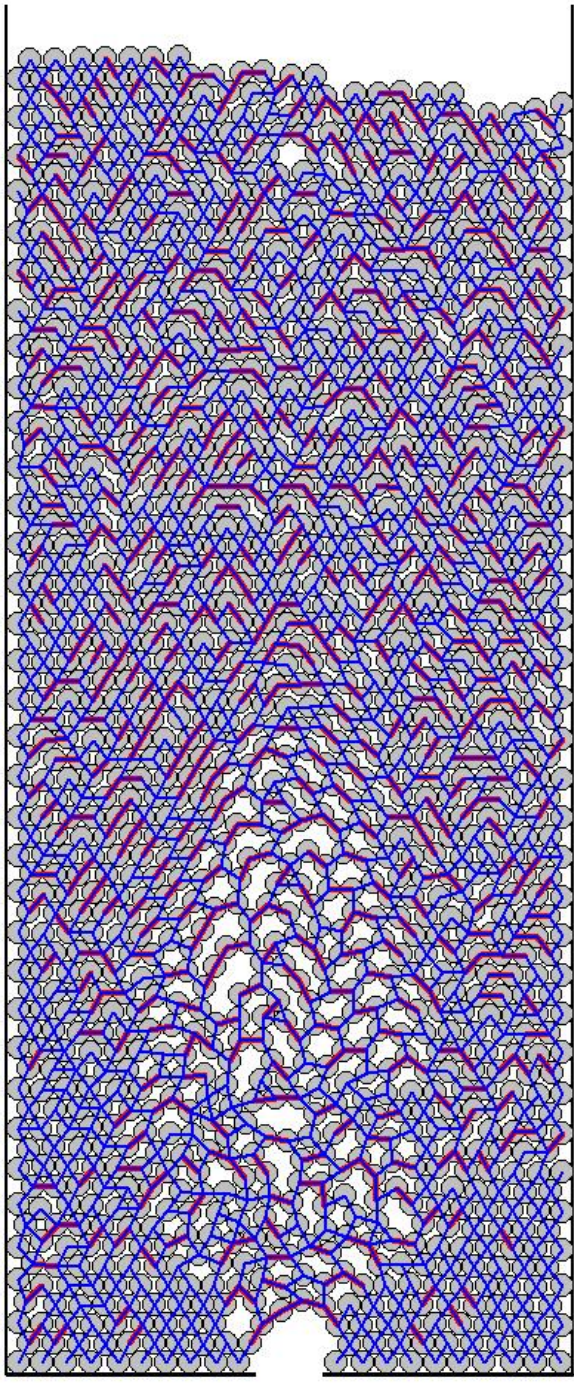
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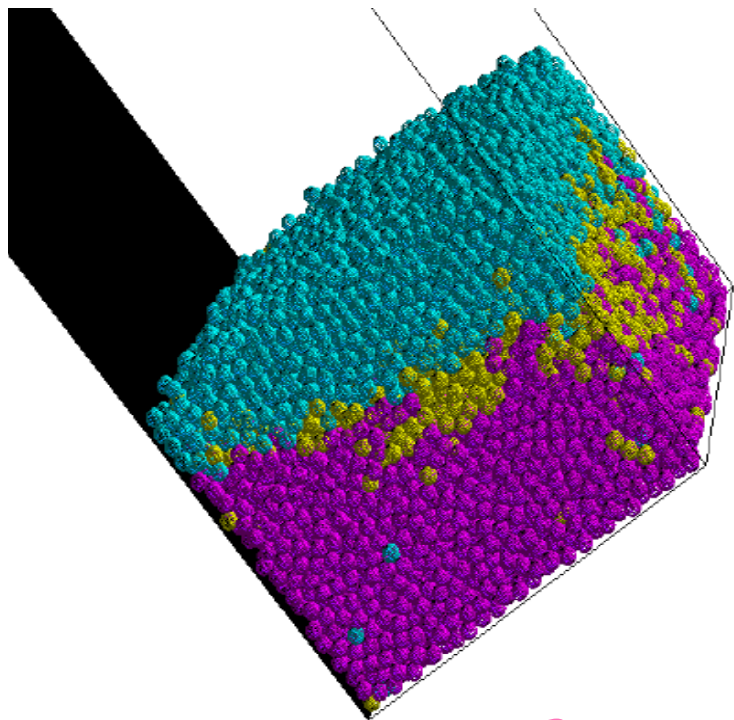
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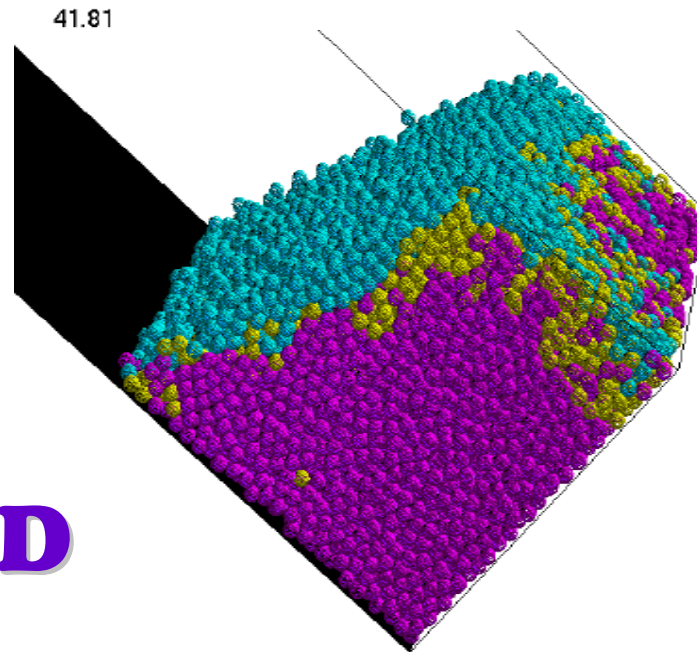






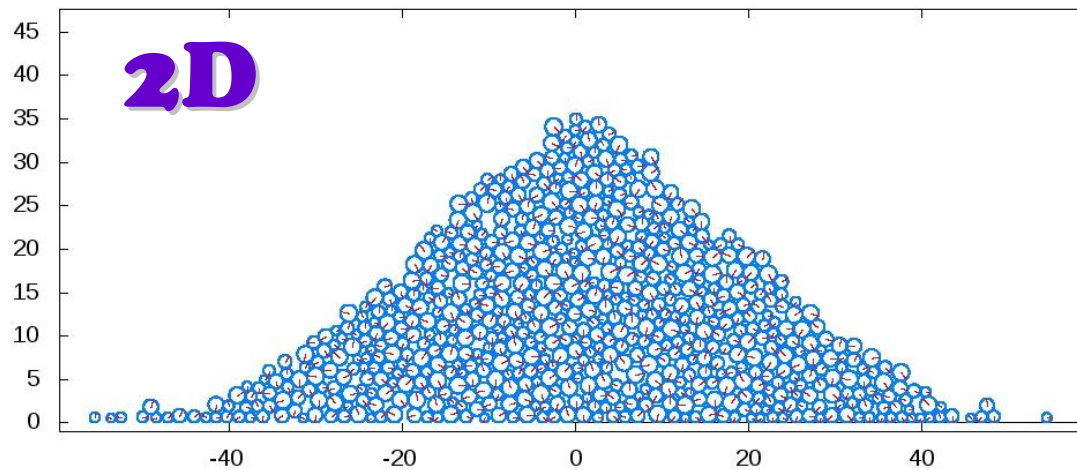
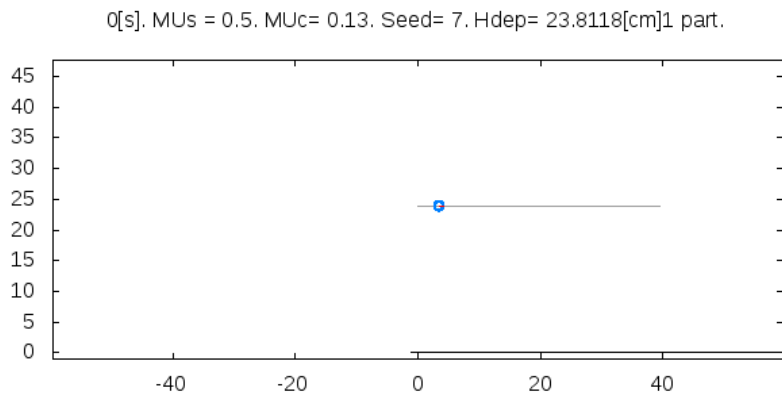
3D

simulaciones



51.42
4736
2832

DEM



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Principales Colaboraciones

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Colombia: Univ. de los Andes (Bogotá)

Univ. Nac. De Bogotá