Instituto Politécnico Nacional Escuela Superior de Cómputo Computer Graphics Presentation : Cloth Modeling Malagón Baeza Alan Adrian Rosas Trigueros Jorge Luis 12/06/2023

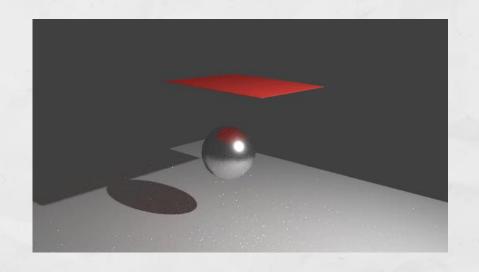
## CLOTH MODELING

ALAN ADRIAN MALAGÓN BAEZA

## CLOTH MODELING

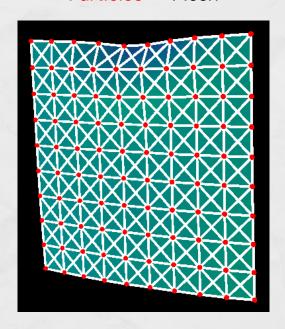
Simulating cloth within a computer program

- Geometric
  - Physical
- Particle/energy

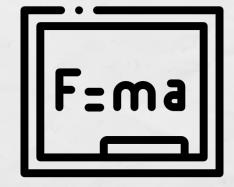


### Background

Particles -> Mesh

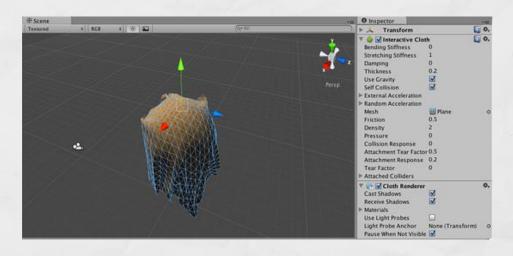


**Newtonian Physics** 



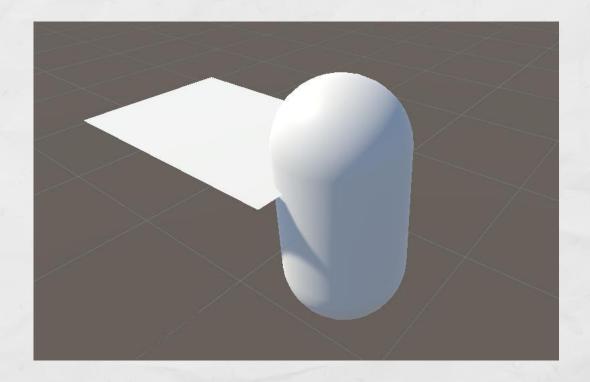


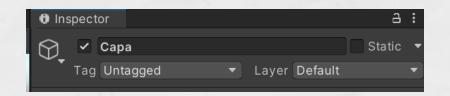
## Cloth in Unity

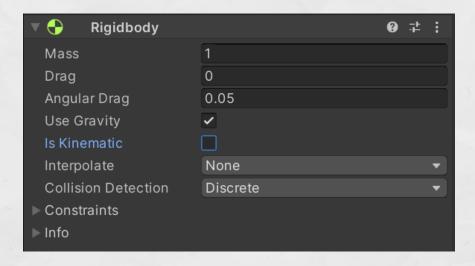




▼ SampleScene\*
 Main Camera
 Directional Light
 ▼ Minion
 Capa

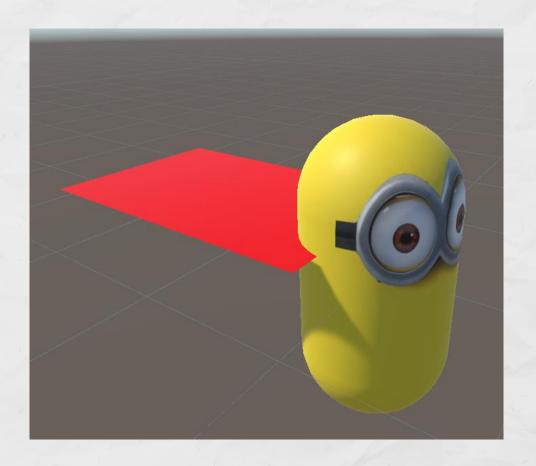


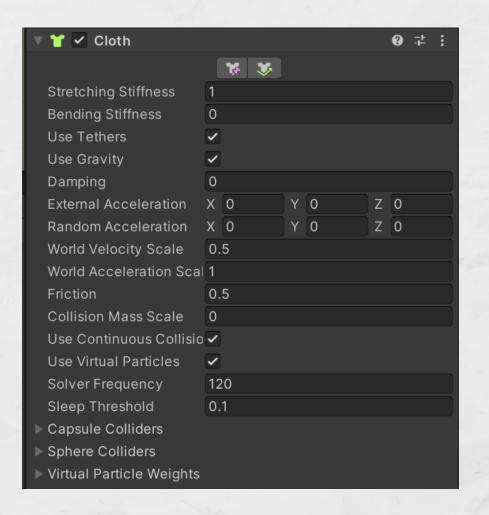




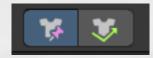


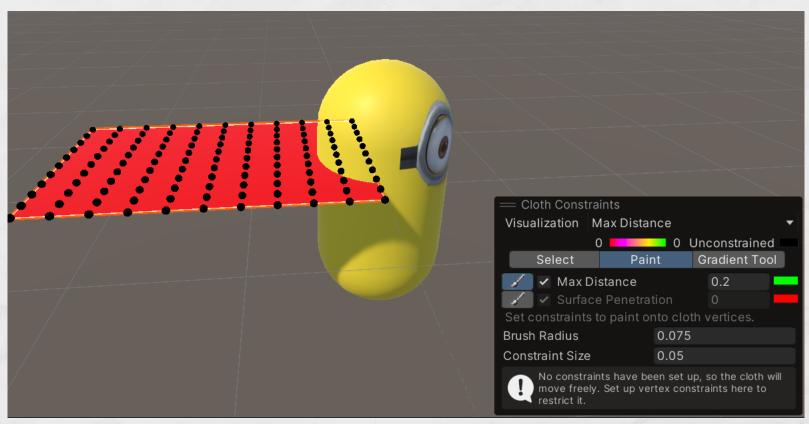


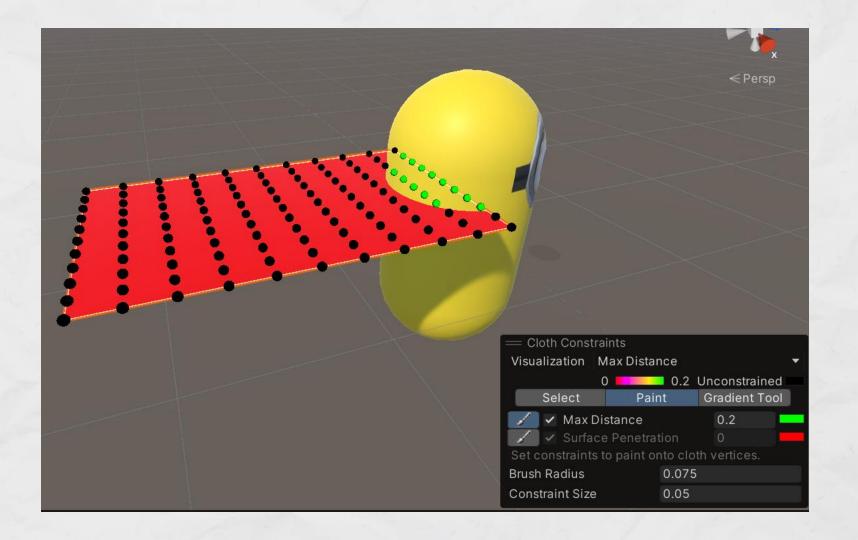




#### Edit cloth constraints

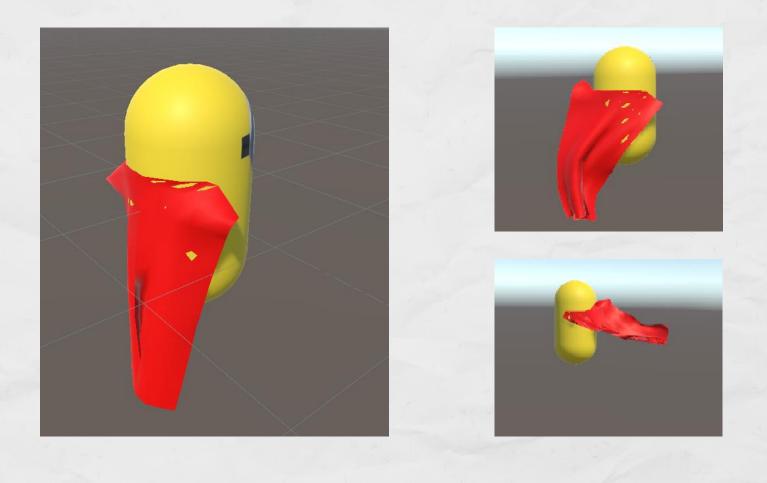












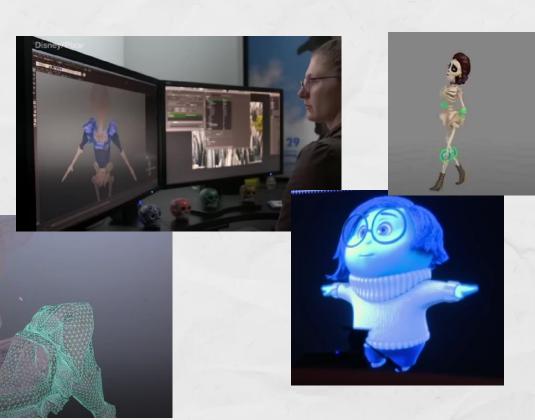
## Applications







#### Films



# Hanifa

Anifa Mvuemba



## THANKS! Q&A



#### RESOURCES

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- Zaikman, D. (2020, November 12). Physics of Cloth Animation Tutorial [Video file]. Retrieved from <a href="https://www.youtube.com/watch?v=LZ1h0Zj5gAs">https://www.youtube.com/watch?v=LZ1h0Zj5gAs</a>