



# STEM WITH ARTS

Prof. Federico Benuzzi - Liceo Laura Bassi, Bologna IT

## Dreamy Physics

a new way to have fun, to ask questions, to understand

**Physics** is an experimental science, with its own history, its method, its language.

**Theater** is a millenary art form where voice, body and soul find an interesting balance.

**Juggling** refers to circus, open spaces, training.

Hence different colors, sounds, scents...

*May they have anything in common?*



**Dreamy Physics** is a lesson, a show, a conference... and much more!

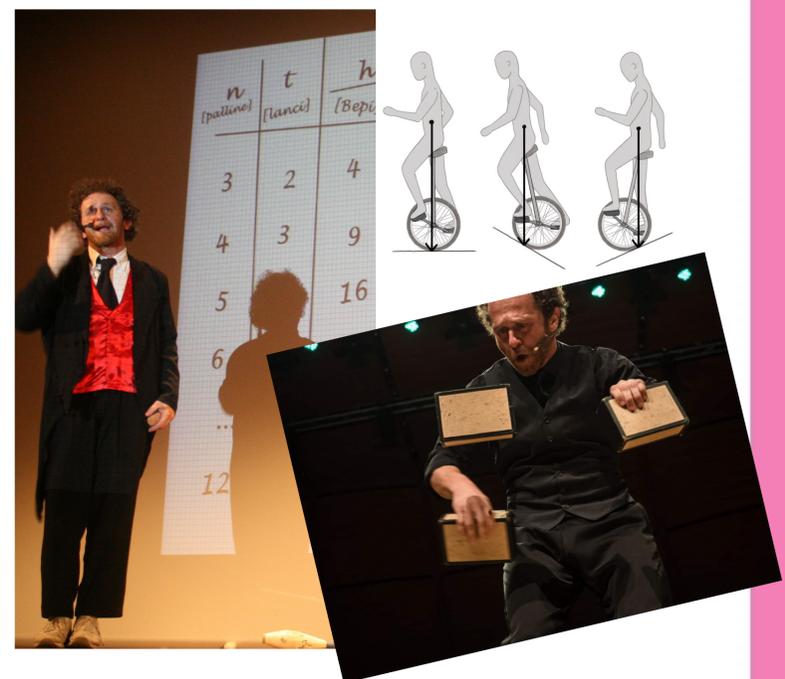
Connections between physics and juggling are shown by alternating good level technical exhibitions and immediate scientific explanations; theatre monologues and improvisations; videos and animated images.

*The goal is explaining the one through the other one!*

One hour long, **Dreamy Physics** deals with cigar boxes and friction, free fall, forces; juggling balls and mathematical description, parabolic motion, power; unicycle and levers, balance, the third principle of mechanics; diabolo and the principle of conservation of angular momentum with very interesting consequences in "making art".

It is perfect to introduce physics, to restructure learned, or to present it in a different way.

*Dreamy physics is unique!*



*"good teaching is for a quarter preparation and three quarters theater" - Galileo Galilei*