NNN25

International Workshop on Next Generation Nucleon Decay and Neutrino Detectors

October 1-3, 2025

SNOLAB sudbury

Contribution ID: **30** Type: **not specified**

Capturing Innovations and Underlying Physics in Sports

Wednesday, October 1, 2025 8:00 PM (1 hour)

Sports occupy an important part of our lives. It is often difficult to flip through the TV channels without encountering sports shows. Surprisingly, a large fraction of the intriguing and often spectacular sports actions and feats can be explained using relatively basic physics concepts. In this talk I will present and discuss the physics behind some remarkably creative innovations in popular sports (baseball, soccer/football, volleyball, basketball, high Jump, gymnastics, etc.) using basic concepts in classical physics.

The talk will feature exquisite and exclusive videos created by the New York Times graphics/multimedia team for sports that capture innovative feats of athletes like Simone Biles.

The main part of this presentation was initially created in collaboration with Bedel Saget, a New York Times graphics/multimedia editor for sports. Bedel Saget received a 2nd place award for his team's work, titled, "The Fine Line: Simone Biles Gymnastics" at the prestigious 2017 World Press Photo Digital Storytelling contest in the Immersive Storytelling category.

Default location: The YES Theatre Refettorio
https://yestheatre.com/yes-refettorio/

Backup Location (bad weather): Place des Arts

Submitter Email

Submitter Name

Submitter Institution

Session Classification: Public Event