



Prof. Andrey Korytov

10 years at UF

...before that---5 years at MIT

...and before that---in Russia, PhD from Joint Institute for Nuclear Research

Research Interests

- Experimental High Energy Physics
(a.k.a. Physics of Elementary Particles)



Research: High Energy Physics

Questions

- What are the primary constituents of matter?
- What are the fundamental forces in the nature?

To tackle these questions,

- We build particle colliders that accelerate particles to enormous energies and smash them against each other
- We build very large detectors to record traces left behind by new-born particles emerging from collisions
- And then we scratch our heads trying to make sense from what we observe...



Research: High Energy Physics

Exciting time

- **New collider will be turned on this year...**
- **We know that discoveries are guaranteed...**

