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Workshop on

HIGH SCHOOL COSMIC RAY EXPERIMENTS

Centro Fermi — Roma

15-16 February 2017

Goals of the workshop

- Community building: Get to know each other
- making an inventory of the different projects on cosmic rays
- Learning from experiences
- Prospects for further cooperation
- Benefit of coordination of activities.

Outreach using cosmic rays: Different scales and aims



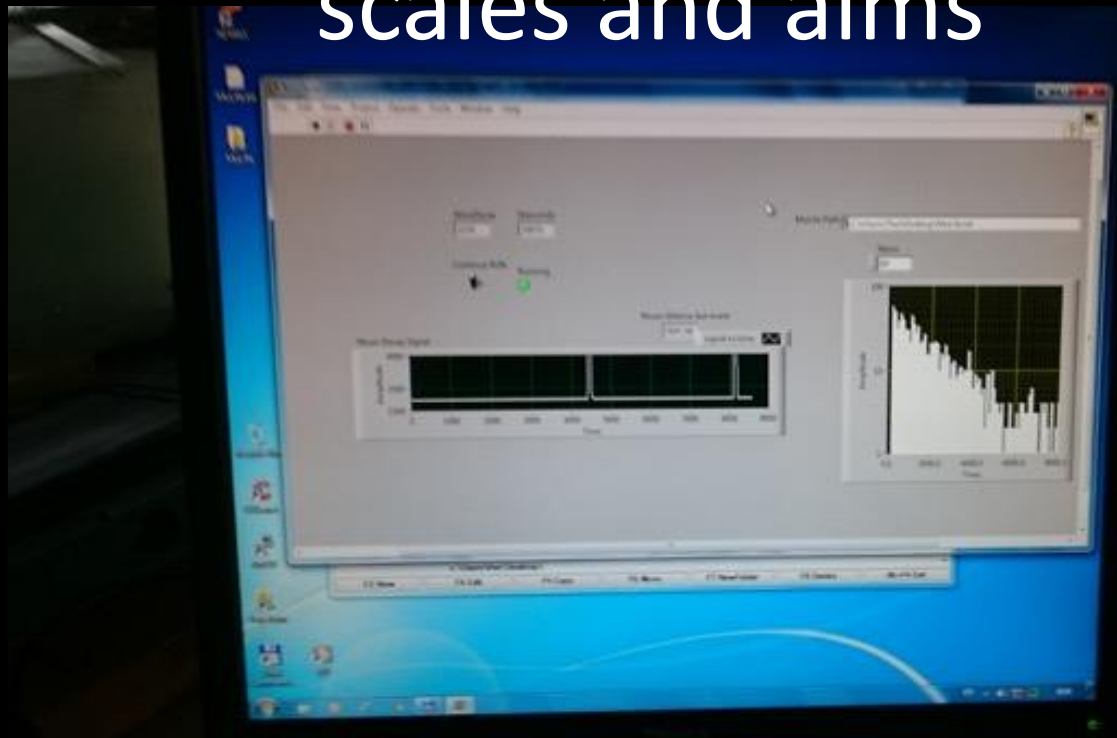
Demonstrations: eg Sparc Chambers

Outreach using cosmic rays: Different scales and aims



Experimenting in the classroom using small scale detectors

Outreach using cosmic rays: Different scales and aims



Long term small-scale experiments eg muon lifetime ← Data could be analyzed by others

Outreach using cosmic rays: Different scales and aims



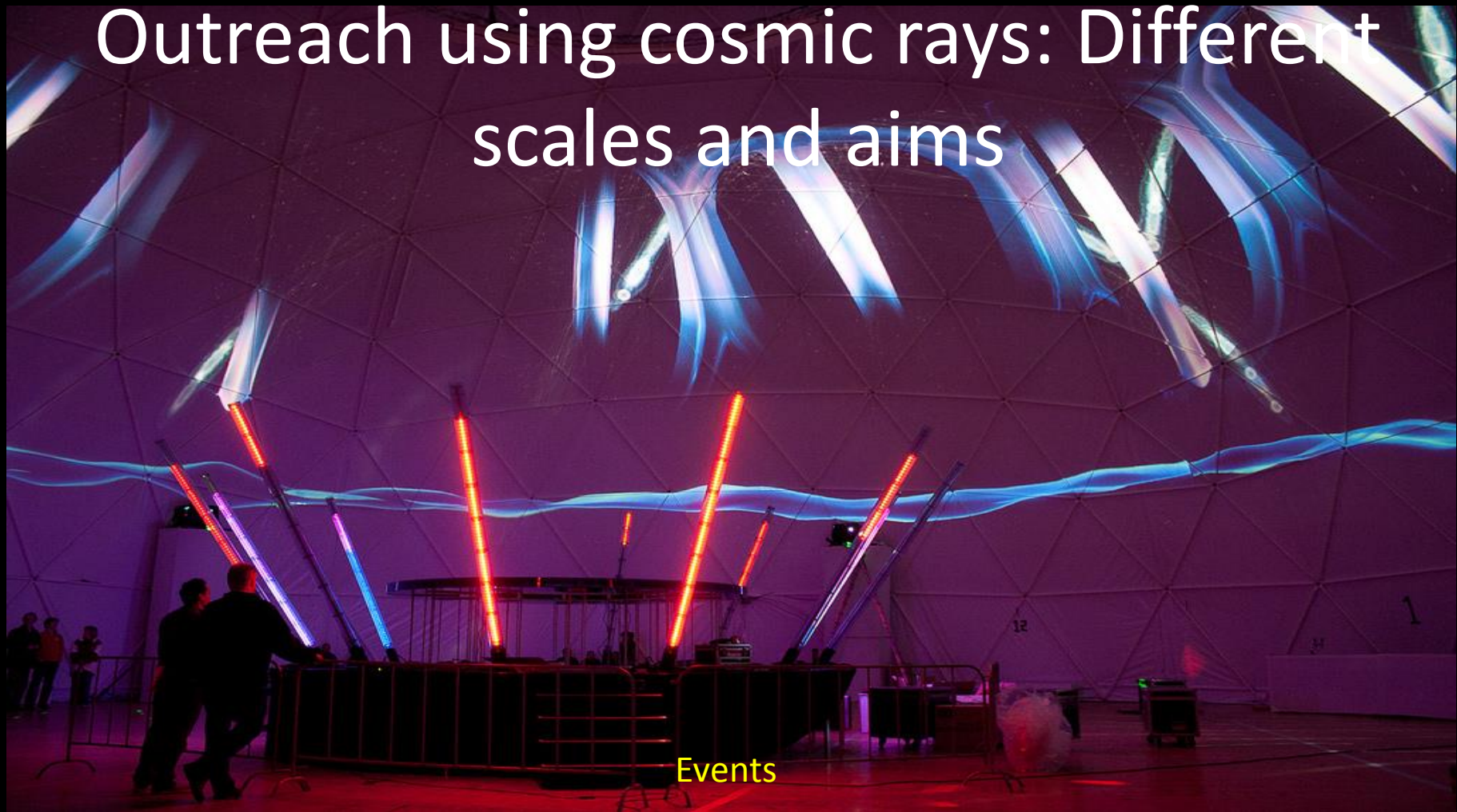
Large scale experiments: (eg HiSPARC, EEE) collecting data continuously

Aiming toward a worldwide network of cosmic ray detectors



Extremely Large scale experiments: Combining data from continuous setups (eg CREDO)

Outreach using cosmic rays: Different scales and aims



Events

Let's find common ground on all different scales of outreach!

Let's have a productive workshop

