



Concluding Remarks

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Workshop statistics

- **28** talks covering a variety of cutting edge topics in high energy physics have been presented at this workshop. Remarkably **14** talks were in **experimental** topics and **14** talks covered **theoretical** topics!!
- Around **50** participants from **various countries!**
- Topics covered <http://physics.gucas.ac.cn/lhep2010>

LHC experiments (ATLAS, CMS), Tevatron D0,

BESIII, Belle II, ILC;

Dark Matter (Direct, Indirect, LHC);

Review of various neutrino experiments;

High energy cosmic rays (LHASSO project);

Theory talks

- **Electroweak symmetry breaking**
- **Supersymmetry**
- **Flavor physics and CP violation**
- **Hadron physics at LHC**
- **Dark matter**
- **Extra dimensional theories**
- **Collider physics**

Challenges

- **Find the SM Higgs boson;**
- **Find the Dark Matter particle;**
- **Discover Supersymmetry;**
- **Are there extra dimensions?**
Large, warped, universal?
- **Rare decays;**
- **CP violation and θ_{13} in neutrino physics;**

A scenic landscape featuring a calm river in the foreground, lush green trees and vegetation along the banks, and several prominent karst mountains in the background under a blue sky with scattered white clouds. The text is overlaid in the center of the image.

**Have a safe trip
and thank you!**