

Fine Tuning/ Naturalness

Markus Luty
UC Davis

Why are we here?

Why are we here?

“in-reach”



out-reach

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out-reach

- Build community effort to study physics of a 100 TeV pp collider

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- What are the important physics questions that can be addressed?

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Many successes

- Higgs discovery
- Precision study of Higgs
- Consistently out-performed expectations

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What is naturalness?

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What is naturalness?

See answer to previous question.

Attitudes toward Naturalness

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- Anthropics?

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- Two 20 minute talks (Dine, Murayama)

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How do we decide the future direction of particle physics in the event there are no new discoveries?

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How do we decide the future direction of particle physics in the event there are no new discoveries?

Can we articulate a vision for particle physics with no guarantee of discovery?