

# 国台学术报告 NAOC COLLOQUIUM

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**TIME: Wednesday, 3:00 PM, Feb. 22, 2012**      **LOCATION: A601 NAOC**

## Higgs, Supersymmetry and Dark Matter

**Dr. Jin Min Yang (Institute of Theoretical Physics, CAS)**

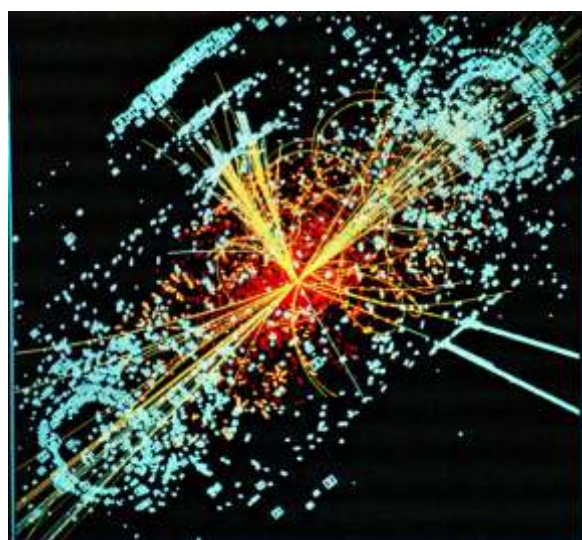


Dr. JinminYang is a professor at the Institute of Theoretical Physics, Chinese Academy of Sciences. He did his doctorate in science at the Institute of Theoretical Physics. He was a postdoctoral researcher at the Northwestern University and Iowa State University, USA. Then he was in Japan for a postdoctoral research position at Tohoku University. His main research interests are new physics (especially supersymmetry) phenomenology and the correlated

cosmic dark matter, Higgs physics, and top quark physics.

### Abstract

This talk will cover the following topics: (1) What is Higgs boson ? Why it is called God Particle ? (2) The status of Higgs boson search; (3) Dark matter and its search status; (4) What is supersymmetry ? Why we need supersymmetry ? (5) Correlation between Higgs, dark matter and supersymmetry.



*All are welcome! Tea, coffee, biscuits will be served at 2:45 P.M.*

You are welcome to nominate speakers to Shude Mao ([shude.mao@gmail.com](mailto:shude.mao@gmail.com)), Licai Deng ([licai@bao.ac.cn](mailto:licai@bao.ac.cn)), Xuelei Chen ([xuelei@cosmology.bao.ac.cn](mailto:xuelei@cosmology.bao.ac.cn)).