



TOHOKU
UNIVERSITY

Tohoku Forum for Creativity Thematic Program 2015

Fundamental Problems in Quantum Physics:
Strings, Black Holes and Quantum Information

2015
Apr. **24** Fri.
17:30 - 18:30

TOKYO ELECTRON House of Creativity
(Katahira Campus, Tohoku University)

Public Lecture by Professor Gerard 't Hooft

Spinoza Institute, Utrecht University ; 1999 Nobel prize in Physics

"The Higgs Particle, Pivot of the Standard Model of the Subatomic Particles"

In the Large Hadron Collider, the most powerful particle accelerator in the world, a particle was recently discovered that was the last essential ingredient for the Standard Model. Without this particle it was difficult to understand how the other particles can interact the way they were observed to do. Why is this Higgs particle so important to understand the masses of the other particles, and what does this have to do with spin, the fact that all particles, except the Higgs, are fast rotating?

1999年ノーベル物理学賞

ヘーラルト・トホーフ先生 講演会

日時：2015年4月24日(金) 17:30-18:30

場所：東北大学 知の館 (TOKYO ELECTRON House of Creativity)

〒980-8577 宮城県仙台市青葉区片平 2-1-1

東北大学 片平キャンパス内 (AIMR本館南隣)

※講演は英語で行います。

問い合わせ先：

東北大学大学院理学研究科 素粒子・宇宙理論研究室

綿村 哲 Email : watamura@tuhep.phys.tohoku.ac.jp



www.tfc.tohoku.ac.jp

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