



Tohoku Forum for Creativity  
Thematic Program 2015

# Fundamental Problems in Quantum Physics:

## Strings, Black Holes and Quantum Information

April 2015 – October 2015

### Events

Special Lectures on Fundamental Problems in Quantum Physics  
by Gerard 't Hooft  
(April 20, 2015 - April 24, 2015)

Spring School on Particles, Strings and Quantum Information  
(April 20, 2015 - April 24, 2015)

International Workshop on Strings, Black Holes and Quantum Information  
(September 7, 2015 - September 11, 2015)

International Workshop on Particle Physics and Cosmology  
(September 14, 2015 - September 18, 2015)

### Speakers Include

Gerard 't Hooft Utrecht University

François Englert Free University of Bruxelles

Makoto Kobayashi KEK

Viatcheslav Mukhanov Ludwig-Maximilians-University Munich

### Organizers

Tohru Eguchi Rikkyo University

Tadashi Takayanagi Kyoto University

Masahiro Yamaguchi Tohoku University

Satoshi Watamura Tohoku University



TOHOKU FORUM  
for CREATIVITY

The Tohoku Forum for Creativity is the first international visitor research institute in Japan.  
Our aim is to identify important problems across all fields of research,  
and to develop innovative ideas and deeper theoretical foundations through intensive, focused discussions.

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