

UNIVERSITÄT HAMBURG – KYOTO UNIVERSITY Symposium

Hamburg, 7/8 June 2017

String Theory & Phenomenology

Wednesday 7 June 2017

Venue: DESY – Campus Bahrenfeld Building 2a, „Seminarraum 2“
Notkestraße 85, 22607 Hamburg

Presentations

- Strings and Cosmology -

11:00 am – 12:15 pm

Chairperson: Prof. Marcus Brüggen, Theory of Hamburg Observatory

Prof. Shinji Mukohyama

Massive Gravity and Cosmology

Dr. Alexander Westphal, DESY

Back-reacted (rel)Axion Monodromy for Inflation & Relaxation in String Theory

- Lunch Break -

- Strings & Field Theory -

1:30–3:00 pm

Chairperson: Prof. Jörg Teschner, Universität Hamburg/DESY

Prof. Tadashi Takayanagi

Emergent Spacetime from Quantum Entanglement

Prof. Yasuaki Hikida

Higher spin gauge theory, holography, and superstring theory

Prof. Marco Zagermann

Universal Tachyons in Nearly No-Scale de Sitter Vacua

- Coffee Break -

- Cosmology & Phenomenology -

3:30–5:00 pm

Chairperson: Prof. Christophe Grojean, Humbolt-Universität zu Berlin/DESY

Prof. Georg Weiglein, DESY

Higgs Physics: Where are we and what next?

Prof. Fumihiko Takayama

Neutrino and Dark Matter Portal to New Horizon Beyond Standard Model

Prof. Géraldine Servant

Higgs-Flavour cosmological interplay

5:00 – 6:00 pm Discussion / Summary / Collaboration Set-up Session