



## GP-PU School

# “String and Universe”

- Dates: June 12-15<sup>th</sup> 2018
- Venue: Room N204, Science Complex C (H-04)
- Web: <http://lambda.phys.tohoku.ac.jp/gppu/school/SU2018/>

## ■ Lectures

S. Ando (University of Amsterdam)

- *“Large and small scale structure of dark matter and prospects for revealing its particle nature”*

P. Bouwknegt (Australian National University)

- *“Introduction to string theory”*

T. Kajino (National Astronomical Observatory of Japan and Beihang University)

- *“Big-Bang cosmology and primordial nucleosynthesis”*
- *“Impact of neutron star mergers and supernovae on nuclear physics and neutrino physics”*

E. Martin-Martinez (University of Waterloo)

- *“Measuring quantum fields: a relativistic quantum information perspective?”*

C. de Rham (Imperial College London)

- *“Gravity as an Effective Field Theory”*

GPPU履修生以外の物理学専攻・天文学専攻の学生の方へ： GPPU以外の学生の方の参加も大歓迎です。このスクールは物理学専攻博士課程後期の科目「素粒子物理学特殊講義IV」(1単位)として開講されるものでもありますので、ぜひご参加ください。

Organizers: T. Futamase, M. Hotta, A. Naruko, Y. Tanimura, and S. Watamura

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