



宇宙創成物理学
国際共同大学院

東北大学国際共同大学院プログラム
宇宙創成物理学 (GP-PU)
ガイダンス

「GPPUセミナー」、「GPPUスクール」
について

2017/12/12

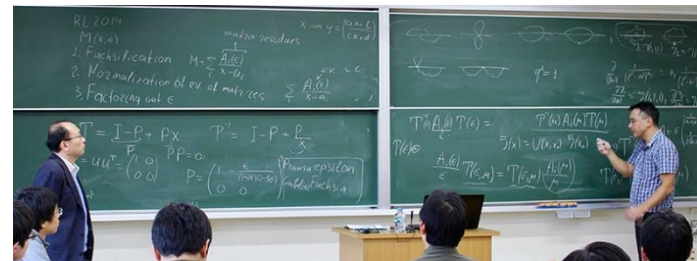
谷村雄介

GPPU seminar <http://lambda.phys.tohoku.ac.jp/gppu/seminar/>

- セミナー + 講師を交えた英語での議論
- 素・核・宇のいずれか(または複数)の分野の最先端の研究に関するもの
- M2の間に10回以上、D1-3 の間に10-20回参加

素・核・宇物理に関する見識を広め、英語での議論の訓練をする

- 2017年度 (12月12日まで) ... 計21回実施
 - ✓ "Phases of Strongly Interacting Matter - from Quarks and Gluons to Nuclei and Neutron Stars -"
 - ✓ "Gravitational-wave Astronomy of Neutron star mergers"
 - ✓ "Higgs physics at linear colliders"
 - ✓ "An introduction to particle dark matter"
 - ✓ "The creation of the elements"
 - etc.



GPPU school <http://lambda.phys.tohoku.ac.jp/gppu/school/>

- GPPU開催のサマースクールまたはウィンタースクール (「GPPU school」)
- 講師による集中講義 + 参加学生による発表 (個人またはグループ)
- 素粒子・原子核・天文に関連したトピック
- M2は参加必須

- **2017年度**

- ✓ 12月14-16日

- Strangeness Nuclear Physics (SNP) school 2017

- at J-PARC, Tokai

- **2018年度予定**

- ✓ 6月 String and Cosmology at Tohoku Univ.

- ✓ ?月 Strangeness Nuclear Physics (SNP) school 2018

J-PARC, Tokai, Ibaraki, JAPAN

SNP 17

International school for
Strangeness Nuclear Physics 2017

Lectures

- "Cold Atoms" C. Greene (Purdue)
- "Lambda(1405) and KN interaction" T. Hyodo (YITP)
- "Hypernuclear Physics with Heavy-ion Beams" T. Saito (GSI)
- "Experimental Study of Hadron Structures" K. Hicks (Ohio)
- "Microphysics of the Universe: Interface of Nuclear, Particle Physics and Astrophysics" B. Balanfekin (Wisconsin-Madison)

14-17 Dec 2017

Organizing Committee

Yoshinori Aoki (KEK)	Yoshitaka Hama (RIKEN)	Shinya Hama (RIKEN)
Yoshitaka Hama (RIKEN)	Yoshitaka Hama (RIKEN)	Yoshitaka Hama (RIKEN)
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Local Organizers

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Support

APC IPM KEK J-PARC RIKEN ANPhA

<http://www.rcnp.osaka-u.ac.jp/~snp2017/index.html>