

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

About "GPPU seminar" and "GPPU school"

- ●宇宙創成物理学特別セミナー
- Special Seminar on Physics for the Universe → "GPPU schools"
- 宇宙創成物理学特別講義
- Special Lecture on Physics for the Universe
- 宇宙創成物理学**特殊講義**I
- Advanced Lecture on Physics for the Universe I
- 宇宙創成物理学**特殊講義||**
- Advanced Lecture on Physics for the Universe II

→ "GPPU seminars"

2021/04/12

谷村雄介 Yusuke Tanimura

必修科目(のうち研修科目、国際講義、高度実験) Compulsory subjects

- Master course (M2)
 - 宇宙創成物理学特別セミナー
 - Special Seminar on Physics for the Universe ("GPPU schools")
 - 宇宙創成物理学特別講義
 - Special Lecture on Physics for the Universe ("GPPU seminars")
- Doctoral course (D1-D3)
 - 宇宙創成物理学**特殊講義 |**
 - Advanced Lecture on Physics for the Universe I ("GPPU seminars")
 - 宇宙創成物理学特殊講義Ⅱ
 - Advanced Lecture on Physics for the Universe II ("GPPU seminars")
 - 宇宙創成物理学高度実験
 - Experimental course (→ Ozaki-san)

Select at least one

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履修登録はD3の年度始めに行ってください。 Make registrations at the beginning of the last year (D3)

各科目の内容

details of subjects

- 研修科目 宇宙創成物理学特別セミナー
- (M2) Special Seminar on Physics for the Universe
 - School (co-)organized by GPPU (GPPU schools)

- 国際講義 宇宙創成物理学特別講義
- (M2) **Special Lecture** on Physics for the Universe
- 国際講義宇宙創成物理学特殊講義 |
- (D1-D3) Advanced Lecture on Physics for the Universe I
- 国際講義 宇宙創成物理学特殊講義 Ⅱ (oriented more to theoreticiens)
- (D1-D3) Advanced Lecture on Physics for the Universe II
 - GPPU seminars Discussions in English
 - Topics: particle and nuclear physics, or astrophysics

各科目の単位の取得要件 Requirements for credits

特別セミナー (M2): 2単位

Special Seminar (M2): 2 credits

- Attend GPPU schools (during M2)
- 特別講義(M2)、特殊講義I (D1-3)、特殊講義II (D1-3): 各2単位

Special Lecture (M2), Advanced Lectures I and II (D1-3): 2 credits each

- Get points ("GSP" or "GASP")
- Special lecture and Advanced lecture I → GSP + GASP = 10 or more
- Advanced lecture II (oriented for theoreticiens) → GASP = 10 or more

(GSP: GPPU Seminar Point, GASP: GPPU Advanced Seminar Point)

| type | requirement | Points |
|------|---|--------|
| GSP | Attend a GPPU seminar for GSP | 1 |
| | Attend a GPPU school (not for the first time) | 3 |
| GASP | Attend a GPPU seminar for GASP | 1 |

- **※** GPPU seminars are held about 20 times/year
- The type of point will be announced

Note

- You have to join the discussion in the seminars to get points.
- It is recommended to attend a school to gain 3 GSPs.
- Special seminar: 2 credits
 - Attend a GPPU school
- Special lecture and Advanced lecture I and II: 2 credits each
 - Gain points (GSP or GASP)
 - Special lecture and Advanced Lecture I → GSP + GASP = 10 or more
 - Advanced Lecture II (oriented to theoreticiens) → GASP = 10 or more

| type | requirement | Points |
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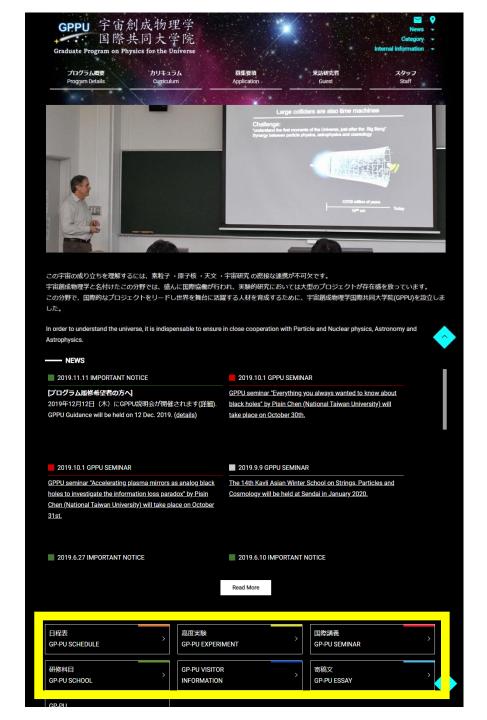
Website

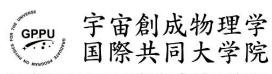
http://gp-pu.tohoku.ac.jp/



Website

http://gp-pu.tohoku.ac.jp/







Graduate Program on Physics for the Universe

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GPPU Seminar

Please click a title for more info. Videos and slides are access le here (SPPU Students only).



Upcoming seminars

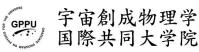
● April 13th, 2018 Liguang Tang (Hampton University/Jefferson Lab)

"Investigating AN Interaction and Studying A-Hypernuclei with Electroproduction of A Using Electron Beam at JLab"

April 27th, 2018 Gianluca Colò (University of Milano and INFN, Italy)

"What is Density Functional Theory for nuclei, and why does it matter for astrophysics and particle physics?"

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GPPU Seminar

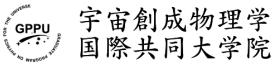
Please click a title for more info. Videos and slides are accedible here (C

ible <u>here</u> (CPU Students only).

Upcoming seminars

- April 13th, 2018 Liguang Tang (Hampton University/Jefferson "<u>Investigating ΛΝ Interaction and Studying Λ-Hy</u> <u>Electron Beam at JLab"</u>
- April 27th, 2018 Gianluca Colò (University of Milano and INFN "What is Density Functional Theory for nuclei, as particle physics?"

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GPPU Seminar (GPPU Students only)

Please check the details of GPPU seminars, especially the type of points (GSP, GASP, or GEP) you gain from the upcoming seminars.

You can also access videos () and slides () of the previous seminars. Contact Yusuke Tanimura for permission to watch videos.

Upcoming seminars

- [GSP 1] April 13th, 2018
 - Liguang Tang (Hampton University/Jefferson Lab)

<u>"Investigating ΛN Interaction and Studying Λ-Hypernuclei with Electroproduction of Λ Using Electron Beam at JLab"</u>

● [GSP 1] April 27th, 2018 Gianluca Colò (University of Milano and INFN, Italy)

"What is Density Functional Theory for nuclei, and why does it matter for astrophysics and particle physics?"

Access to videos and slides

Contact:

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• [全員おねがいします] セミナーのYouTube動画の閲覧権限を付与しますので、 東北大メールアドレス (…@tohoku.ac.jp) を今週中に谷村ま で知らせてください。

Please let me know your Tohoku Univ mail address (...@tohoku.ac.jp) by this Friday.

• いま自分が持っているGSP, GASPを確認したい場合

• ...