

Dear colleagues,

It is our great pleasure to inform you that the first and the second PHITS international online tutorial will be held 7-11th Dec. 2020 and 1-5th Feb. 2021, respectively.

The course and PHITS license are completely free of charge.

These tutorials, including a lot of practical exercises, are mostly dedicated to PHITS beginners, who would like to start using PHITS. Please feel free to forward this message to your colleagues who are interested in PHITS.

In order to participate to the tutorials, please be sure to have a proper network environment with which you can stably run a Zoom client.

Please follow the instructions below to register for the tutorials.

1, Tutorial registration

Access to <https://phits.jaea.go.jp/contact/edit/en>

Select "PHITS tutorial registration" in "Category" pull-down menu.

Fill out the form and send it.

Remarks

Please use your institutional email address (free addresses such as Gmail cause problems afterwards).

In the message body, please write about the calculation you would like to practice during "Run your own simulation" sessions, such as "Detector performance simulation", "Accelerator shielding design", etc.

If you are a foreigner living in Japan more than 6 months, please write the name and E-mail address of your Japanese supervisor in the "message body".

If the webform does not work (i.e. you do not receive an automatic reply), please send the registration information to phits-en-tutorial@jaea.go.jp .

2, PHITS license application

Please select 2-1, 2-2 or 2-3 depending on your status.

2-1 For foreigners living in Japan more than 6 months

Access to <https://phits.jaea.go.jp/annai-tutorial.html>

Follow the instruction there. Please ask your Japanese supervisor to help you out.

2-2 For PHITS non-users or users with Ver.3.09 or older (i.e. everyone except the users whose PHITS license was granted after April 2019 by JAEA)

Access to <https://phits.jaea.go.jp/howtoget.html>

Fill out the form.

Send the form from <https://phits.jaea.go.jp/contact/edit/en> selecting "Submission of license application form" category.

If the webform does not work, please send the format to phits-license@jaea.go.jp.

2-3 For PHITS users with Ver.3.10 or newer (i.e. the users whose PHITS license was granted after April 2019 by JAEA)

You can download the latest version later. Please wait for the follow-up messages.

3, Read and follow the announcement (e.g., Zoom test, login guidance, etc) sent from phits-en-tutorial@jaea.go.jp later.

PHITS office

----- Tutorial Details -----

Tutorial #1

Date : 7-11th Dec. 2020. UTC 14:00-18:00 every day. (Suitable for Europe, Africa and North&South America; Attention! Midnight in Asia.)

Web system : Zoom

Language : English

Registration deadline : 8th Nov. 2020

Tutors : (JAEA) Tatsuhiko Ogawa, Tatsuhiko Sato, Yosuke Iwamoto, Takuya Furuta, Shintaro Hashimoto, Shinichiro Abe, Hunter Ratliff, (Yusuke Matsuya, Yuho Hirata, if needed), (SLAC) Pi-En Tsai, (Kyushu University) Nobuhiro Shigyo

(Short breaks: 15:00-15:10, 16:00-16:10, 17:00-17:10)

7th Dec. (Mon)

- 14:00 - 15:00 PHITS installation and checkup
- 15:00 - 16:00 Opening and PHITS overview
- 16:00 - 18:00 Basic Lecture 1-1 (geometry settings)

8th Dec. (Tue)

- 14:00 - 15:00 Basic Lecture 1-2 (source settings)
- 15:00 - 18:00 Basic Lecture 2 (Tally settings)

9th Dec. (Wed)

- 14:00 - 16:30 Basic Lecture 3 (parameter setting 1, 2)
- 16:30 - 18:00 Exercise (melt snowman by proton beam!)

10th Dec. (Thu)

- 14:00 - 16:00 Advanced Lecture 1 (advanced source definition)
- 16:00 - 18:00 Run your own simulation! (including free Q&A & discussion)

11th Dec. (Fri)

- 14:00 - 15:00 Exercise (stop α , β , γ -rays & neutrons)
- 15:00 - 18:00 Run your own simulation! (including free Q&A & discussion)

Tutorial #2

Date : 1-5th Feb. 2021. UTC 9:00-13:00 every day. (Suitable for Asia, Europe, and Africa. Attention! Midnight in America.)

Web system : Zoom

Language : English

Registration deadline : 21st Dec. 2020

Tutors : (JAEA) Tatsuhiko Ogawa, Tatsuhiko Sato, Yosuke Iwamoto, Takuya Furuta, Shintaro Hashimoto, Shinichiro Abe, Hunter Ratliff, (Yusuke Matsuya, Yuho Hirata, if needed), (Kyushu University) Nobuhiro Shigyo

(Short breaks: 10:00-10:10, 11:00-11:10, 12:00-12:10)

1st Feb. (Mon)

- 9:00 - 10:00 PHITS installation and check
- 10:00 - 11:00 Opening and PHITS overview
- 11:00 - 13:00 Basic Lecture 1-1 (geometry settings)

2nd Feb. (Tue)

- 9:00 - 10:00 Basic Lecture 1-2 (source settings)
- 10:00 - 13:00 Basic Lecture 2 (Tally settings)

3rd Feb. (Wed)

- 9:00 - 11:30 Basic Lecture 3 (parameter setting 1, 2)
- 11:30 - 13:00 Exercise (melt snowman by proton beam!)

4th Feb. (Thu)

- 9:00 - 11:00 Advanced Lecture 1 (advanced source definition)
- 11:00 - 13:00 Run your own simulation! (including free Q&A & discussion)

5th Feb. (Fri)

- 9:00 - 10:00 Exercise (stop α , β , γ -rays & neutrons)
- 10:00 - 13:00 Run your own simulation! (including free Q&A & discussion)

Remarks

1, Please wait for a confirmation message sent to you when your participation is confirmed. Please do not forget to apply for PHITS license if you do not have PHITS Ver.3.10 or newer. If you are not sure if you need a license application, please contact phits-license@jaea.go.jp

2, Those who do not have to apply for the PHITS license will receive a message with a link to

the latest version of PHITS (approx. 2G Bytes) some time before the tutorial.

3, Please prepare a computer environment which satisfies following conditions

*OS: Windows (7 or later)、 Mac OS X(v10.6 or later)、 Linux

*RAM 1GB or more (ideally 2GB or more). More than 6GB of available disk space.

*Login as an administrator.

*PDF viewer and PPTX viewer, which are needed to open course materials, are installed.

*Network stable for 5 days of tutorial.

*Microphone (Web-camera is not mandatory)

*(Recommended) Use of dual display, second PC, or Tablet PC is convenient to see PHITS and Zoom windows in parallel.