

Dear colleagues,

It is our great pleasure to inform you that following PHITS international online tutorials will be held.

1, Beginners course, 6th-10th Jun. 2022.

2, Advanced course, 17th-21st Oct. 2022.

The course and PHITS license are completely free of charge.

The beginners' course is dedicated to those who would like to start using PHITS or those who once learned PHITS but would like to review it. 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.

If you wish to participate to both beginners and advanced courses, please send the form twice, one for the beginners' course and the other for the advanced course.

Remarks

Please type your full name including your middle names.

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

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](mailto: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](mailto: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., schedule, login guidance, etc.) sent from [phits-en-tutorial@jaea.go.jp](mailto:phits-en-tutorial@jaea.go.jp) later.

PHITS office

----- Tutorial Timetable-----

## Course Schedule (Time: Coordinated Universal Time)

Date : 6<sup>th</sup>– 10<sup>th</sup> June. 2022 (Short breaks: 12:00-12:10, 13:00-13:10)

6th Jun. (Mon)

- 10:00 - 11:00 PHITS installation and checkup (optional)
- 11:00 - 12:00 Opening and PHITS overview
- 12:00 - 14:00 Basic Lecture 1-1 (geometry settings)  
¥phits¥lecture¥basic¥lec01
- 14:00 - 15:00 Post-course free Q&A

7th Jun. (Tue)

- 11:00 - 12:00 Basic Lecture 1-2 (source settings)  
¥phits¥lecture¥basic¥lec01
- 12:00 - 14:00 Basic Lecture 2 (Tally settings)  
¥phits¥lecture¥basic¥lec02
- 14:00 - 14:30 Post-course free Q&A

8th Jun. (Wed)

- 11:00 - 12:00 Basic Lecture 2 (Tally settings (continued))  
¥phits¥lecture¥basic¥lec02
- 12:00 Group photo
- 12:00 - 14:00 Basic Lecture 3 (parameter setting 1)  
¥phits¥lecture¥basic¥lec03
- 14:00 - 14:30 Post-course free Q&A

9th Jun. (Thu)

- 11:00 - 12:00 Basic Lecture 3 (parameter setting 2)  
¥phits¥lecture¥basic¥lec03
- 12:00 - 14:00 Advanced Lecture 1 (advanced source definition)  
¥phits¥lecture¥advanced¥sourceA
- 14:00 - 14:30 Post-course free Q&A

10th Jun. (Fri)

11:00 - 12:20 Exercise (stop  $\alpha$ ,  $\beta$ ,  $\gamma$ -rays & neutrons)

~~phits~~~~lecture~~~~exercise~~~~range~~

12:20 - 13:50 Exercise (melt snowman by proton beam!)

~~phits~~~~lecture~~~~exercise~~~~snowman~~

13:50 - 14:00 Closing session

14:00 - 14:30 Post-course free Q&A

# Course Schedule (Time: Japan Standard Time)

Date : 6<sup>th</sup>– 10<sup>th</sup> June. 2022 (Short breaks: 12:00-12:10, 13:00-13:10)

6th Jun. (Mon)

19:00 - 20:00 PHITS installation and checkup (optional)

20:00 - 21:00 Opening and PHITS overview

21:00 - 23:00 Basic Lecture 1-1 (geometry settings)

¥phits¥lecture¥basic¥lec01

23:00 - 24:00 Post-course free Q&A

7th Jun. (Tue)

20:00 - 21:00 Basic Lecture 1-2 (source settings)

¥phits¥lecture¥basic¥lec01

21:00 - 23:00 Basic Lecture 2 (Tally settings)

¥phits¥lecture¥basic¥lec02

23:00 - 23:30 Post-course free Q&A

8th Jun. (Wed)

20:00 - 21:00 Basic Lecture 2 (Tally settings (continued))

¥phits¥lecture¥basic¥lec02

21:00 Group photo

21:00 - 23:00 Basic Lecture 3 (parameter setting 1)

¥phits¥lecture¥basic¥lec03

23:00 - 23:30 Post-course free Q&A

9th Jun. (Thu)

20:00 - 21:00 Basic Lecture 3 (parameter setting 2)

¥phits¥lecture¥basic¥lec03

21:00 - 23:00 Advanced Lecture 1 (advanced source definition)

¥phits¥lecture¥advanced¥sourceA

23:00 - 23:30 Post-course free Q&A

10th Jun. (Fri)

20:00 - 21:20 Exercise (stop  $\alpha$ ,  $\beta$ ,  $\gamma$ -rays & neutrons)

¥phits¥lecture¥exercise¥range

21:20 - 22:50 Exercise (melt snowman by proton beam!)

~~¥phits¥lecture¥exercise¥snowman~~

22:50 - 23:00 Closing session

23:00 - 23:30 Post-course free Q&A