

Dear colleagues,

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

Advanced course, 18-22nd Jan. 2027.

The course and PHITS license are completely free of charge.

The advanced course is dedicated to those who already have basic knowledge of PHITS and would like to learn its advanced functions. Please feel free to forward this message to your colleagues who are interested in PHITS.

To participate in the tutorial, please be sure to have a network environment stable enough to run a Zoom client.

Please follow the instructions below to register for the tutorial.

1, Tutorial registration

Fill out and send the form

Advanced course registration form:

https://zoom.us/meeting/register/Ak2hwr81SAGGCLg_o4AD0g

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, please send your 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 instructions there. Please ask your Japanese supervisor to help you out.

2-2-1 PHITS non-users or users with Ver.3.09 or older, and NOT working in either of the following countries (Argentina, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Republic of Korea, Spain, Sweden, Switzerland, United Kingdom, United States of America.)

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

Fill out the form.

Send the form from <https://phits.jaea.go.jp/forms/license-en-new/index.html>

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

2-2-2 PHITS non-users or users with Ver.3.09 or older, and working in either of the following countries (Argentina, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Republic of Korea, Spain, Sweden, Switzerland, United Kingdom, United States of America.)

Send a license request form to OECD-NEA Databank

<https://www.oecd-nea.org/tools/cpsrequest/start/NEA-1931%2501>

2-3 For PHITS users with Ver.3.10 or newer

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 later.

PHITS office

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

Advanced Course Schedule

(Time: **Coordinated Universal Time**)

Date : 18-22nd Jan. 2027. UTC 15:00-19:00 every day. (Short breaks: 16:00-16:10, 17:00-17:10, 18:00-18:10)

Registration deadline for new users: 1st Dec. 2026

Registration deadline for current users: 11th Jan. 2027

Registration form : https://zoom.us/meeting/register/Ak2hwr81SAGGCLg_o4AD0g

18th Jan. (Mon)

- | | |
|---------------|---|
| 15:00 - 16:00 | Pre-course free Q&A & installation checkup |
| 16:00 - 16:30 | New Features of PHITS 3.36 & 3.37 |
| 16:30 - 17:30 | New Exercise (AI agent workflow)
¥phits¥lecture¥advanced¥AI-agent |
| 17:30 - 19:00 | Review Exercise 1 (stop α , β , γ -rays & neutron)
¥phits¥lecture¥exercise¥range |

19th Jan. (Tue)

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|---------------|--|
| 15:00 - 16:30 | Advanced Lecture 1 (definition of sources with energy distribution)
¥phits¥lecture¥advanced¥sourceA |
| 16:30 | Group photo |
| 16:30 - 18:00 | Advanced Lecture 2 (Counter, Transform, Magnetic field)
¥phits¥lecture¥advanced¥options |
| 18:00 - 18:30 | Advanced Lecture 3 (Variance reduction)
¥phits¥lecture¥advanced¥variance-reduction |
| 18:30 - 19:00 | Post-course free Q&A |

20th Jan. (Wed)

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|---------------|---|
| 15:00 - 18:00 | Advanced Lecture 3 (Variance reduction) continued
¥phits¥lecture¥advanced¥variance-reduction |
| 18:00 - 18:30 | Advanced Lecture 5 (Accelerator and Shielding Design)
¥phits¥lecture¥advanced¥shielding |
| 18:30 - 19:00 | Post-course free Q&A |

21st Jan. (Thu)

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|---------------|--|
| 15:00 - 16:30 | Advanced Lecture 5 (Accelerator and Shielding Design) continued
¥phits¥lecture¥advanced¥shielding |
| 16:30 - 18:30 | Advanced Lecture 4 (Radioactive inventory calculation)
¥phits¥lecture¥advanced¥DCHAIN |
| 18:30 - 19:00 | Post-course free Q&A |

22nd Jan. (Fri)

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|---------------|--|
| 15:00 - 17:00 | Advanced Lecture 6 (Detector simulation exercise)
¥phits¥advanced¥detector |
| 17:00 - 18:30 | Advanced Lecture 7 (automated run using script files)
¥phits¥utility¥script¥instruction |
| 18:30 - 18:40 | Closing session |
| 18:40 - 19:00 | Post-course free Q&A |