

Guideline for PRIUS Users

January 15, 2024

1. Please submit the signed Commitment Form and receive Safety and Health Manual and Guidelines for PRIUS Users at PRIUS office on 3F (#386) in the Research Building on your first visit of every fiscal year for completing the user registration.
2. Please discuss with your project member(s) from GRC at least a month prior to your visit about your plan on use of our equipment and devices. Please follow a guideline and rules on each apparatus such as analytical instruments and so on.
3. Please avoid using our facilities during the period from November to January because many users can be concentrated during the period.
4. As a general rule, our facilities are available from 8 am to 8 pm on weekdays. However, you may use them beyond the designated hours with a permission from GRC staff.
5. Please master necessary skills under the supervision on your project member(s) from GRC or a responsible person on each equipment for using our facilities. Do not use any equipment without permission, even if you have experience using it.
6. If there is any problem or a breakdown on our equipment or devices, and any damages on the supplies accompanied by those equipment while using them, please report to a responsible person on the equipment and your project member(s) from GRC immediately as well as in the notebook corresponding to the each equipment or device.
7. When using the laboratory, do not use any room, equipment, or desk other than that permitted by a responsible person on the equipment or your project member(s) from GRC. Do not eat or drink in the laboratory.
8. Please always keep your name tag (user card) with you while you are at our lab except when you use machine such as a lathe turning machine and so on that

may cause a risk of entanglement.

9. Please submit a visit report using our form that can be downloaded from PRIUS website to PRIUS office within a week after your visit.

<http://grc.ehime-u.ac.jp/en/guidelines>

Guideline for Multi-anvil Device Users

1. In principle, you are allowed to use the device 10 times at a maximum for your project in a year and a reservation can be made through either your project member(s) from GRC or a responsible person on the device.

2. For the short term users staying within 2 weeks are allowed to reserve the device 3 days per week at a maximum and we accept a reservation more than 2 weeks prior to the date of your visit.

3. For the long term users staying more than 2 weeks are allowed to reserve the device 2 days per week at a maximum however, you may use the device without making an advanced reservation with a permission of your project member(s) from GRC and a responsible person on the device if the device is available, but total number of use on the device should not exceed 10 days per year.

4. You are not allowed to use or reserve multiple devices including analytical instruments on the same day for your safety. However, you are allowed to use them if you use them with several people for different PRIUS project under the supervision of the project leader or equivalent persons from your project members. In the instance of using multi-anvil devices and analytical instruments, you may also use them with a permission of your project member(s) from GRC and a responsible person on the device only if you use them with several people.

5. You are allowed to use multi-anvil devices and machine tools from 8am to 8pm in principle for your safety. However, you may use them at other time period if you consult with your project members from GRC beforehand and use them with several people. For the process of decompression and using analytical

instruments, we do not set a limit on the time of use.

6. ORANGE-2000 is only for users from Ehime University in principle. As for MADONNA and BOTCHAN, you are allowed to use them if necessary, however you need to have enough skills and knowledges in order to use them and the operation on BOTCHAN is conducted only by a person who is in charge of the device in GRC.

7. Please bring your own experimental materials such as sintered diamond anvils and special anvils, also noble metals such as Re foil, Pt foil, Au tube, Pt tube, T.C. for making coils and so on for your experiment.

Supplementary Provisions

This guideline shall come into force as of May 1, 2021.

Revised and effective January 15, 2024.