

J-PARC Users Network (User LAN) user manual

J-PARC Information System Section

February 28th, 2022 / ver.9.0

What is User LAN ?

User LAN is a wireless network service for J-PARC Users. It is logically independent from J-PARC intra network (JLAN) and cannot access to JLAN. In addition, devices connected to User LAN cannot communicate with each other within User LAN, and devices registered to JLAN cannot User LAN either.

Requirements

- System

- PC and Web browser

<u>Supported OS and Web browser</u>
<ul style="list-style-type: none">• Windows OS: Windows 8.1 or later version + Microsoft Edge or Google Chrome• Mac OS: OS 10.14 or later + Safari 14 or later version or Google Chrome

※ iOS and Android smart phones and tablets are not supported.

Please use them “as is” bases.

- Wireless network interface following IEEE802.11b/g/n standard.

※ 802.11n is recommended.

- ID

Your login ID of J-PARC /KEK User support system is required.

In addition, a purpose of visit (Ex. Experiment proposal number) for this JFY must be registered beforehand.

J-PARC User support system: <https://jus.j-parc.jp/portal/top?lang=en>

KEK User Support system: <https://krs.kek.jp/uskek/ui/>

Getting Started

The first step is to find the SSID “**UserLAN3**” from an available wireless network list, and then connect it with the parameters written below. For more technical details to connect wireless LAN, please consult manuals of your PC or wireless LAN network card.

TCP/IP properties

IP address	Obtain IP address automatically (DHCP)
DNS address	Obtain DNS server address automatically (DHCP)

Wireless network properties

SSID (Only in Tokai area)	UserLAN3
Security key	userlan0
Network Authentication (WPA2 Personal)	WPA2-PSK
Data encryption	AES

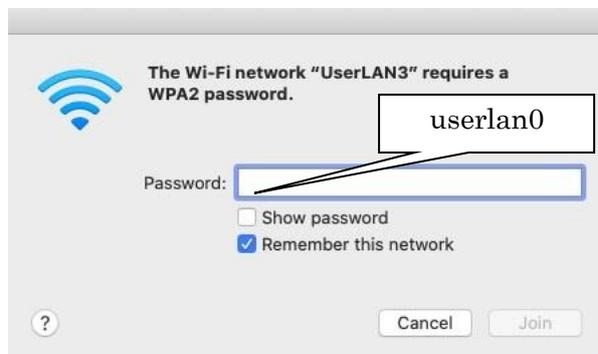
- ※ The last character is not alphabetic O but numeric zero.
- ※ However, some places are not available, where the wireless AP that is not adaptable to 5GHz band is equipped. For available places, access to [無線 AP 設置場所一覧<ampgt; Japanese only](#).

Example

Windows10



Mac



How to Login

Open your Web browser and access to **arbitrary** URL address. The login page will be displayed (redirected) as below. (Your PC is still temporarily disconnected from the Internet in this stage.)

If you are not redirected, access "<https://auth.userlan.j-parc.jp/users/>".

The screenshot shows the J-PARC User LAN Login page. At the top left is the J-PARC logo. The title is "The J-PARC User LAN Login". Below the title is a warning: "Before you start using the User LAN, you have to read and accept the 'Rule for the Use of J-PARC Users Network'. If you can't obey the rule, you can't use the User LAN." Below this is a scrollable area for the "Rule for the Use of J-PARC Users' Network", with "Article 1. (Objective)" visible. A checkbox labeled "I agree." is checked. Below the rule is a blue box stating "The MAC address of your PC is 6067203133B0". Below that is a form with "ID: toukai@post.j-parc.jp" and "Password: *****". A note says "※Login by the account of J-PARC user support system. (https://mercury.j-parc.jp/usjparc/)". At the bottom is a "Login" button. Three callout boxes provide instructions: 1. Read the rule and check "I agree". 2. Enter ID and password. 3. Click "Login" after correct input.

Error ID/password input will lead you to a page as bellow. Try the other ID or password.

The screenshot shows the J-PARC User LAN Login page with an error message. At the top left is the J-PARC logo. The title is "The J-PARC User LAN Login". A red box highlights the error message: "Invalid ID or Password." Below this is the same warning and rule area as in the previous screenshot. A "日本語" link is visible in the top right of the rule area. The "ID" and "Password" fields are empty. The "Login" button is not visible in this view.

If you succeeded in the login authentication, you will see a page as below.

Finally, you will see a page as below with a title of “Logged in successfully”. Hereafter you can use the internet for 14 days without another login procedure.

Re-login will be required after 14 days from the first login.

 **Logged in successfully.**

The MAC address of your PC is
606720313380

ID:
Full Name:
Affiliation:
E-mail:
FirstLoginDate: 2018/10/22
ExpirationDate: 2018/11/05

You can use J-PARC User LAN for 14 days.
Re-login will be required when you will continuously use after the expiration date.
If you want use J-PARC User LAN without intermission, Please bookmark this page and use "Extend for 14 days" button below. Clicking the button will extend use term for more 14 days from the day of the action.

If you want to finish this connection yourself, please click the button below.

If you have a problem, please contact JLAN support office.
TEL: 029-284-3631 E-mail: jlan-consult@j-parc.jp

News

“News” space is used for information from the system administrator.
Please check here at the login time.

Extend period of use or End of Connection

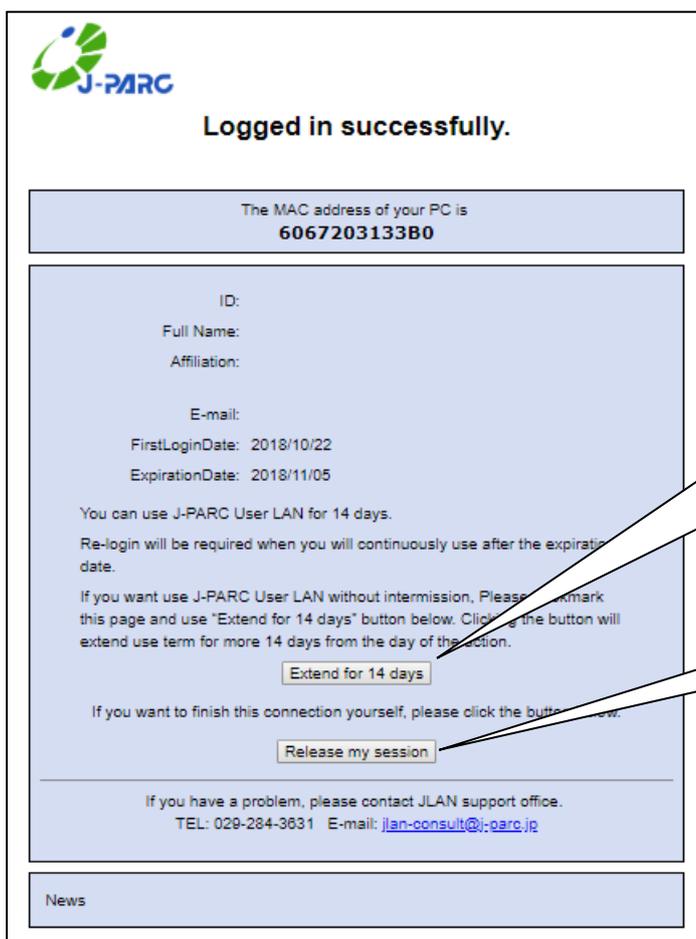
You can extend use another 14days from the day of procedures without re-login if you have been done procedure for extend before the expiry of a certain period.

Or, if you intend to end of use, you can be ended the use of connection explicitly, otherwise connection will be automatically disconnect when the period has expired.

And you may re-use with logging in, even after end of use.

In either case, please access to the following URL on the browser with connecting User LAN;

<https://auth.userlan.j-parc.jp/users/>



The screenshot shows the J-PARC User LAN interface. At the top left is the J-PARC logo. Below it, the text "Logged in successfully." is displayed. A light blue box contains the message "The MAC address of your PC is 6067203133B0". Below this, a larger light blue box displays user information: ID, Full Name, Affiliation, E-mail, FirstLoginDate (2018/10/22), and ExpirationDate (2018/11/05). A message states "You can use J-PARC User LAN for 14 days." and "Re-login will be required when you will continuously use after the expiration date." Below this, instructions explain that clicking "Extend for 14 days" will extend the session, and clicking "Release my session" will end it. At the bottom of the main content area, contact information for the JLAN support office is provided: TEL: 029-284-3631 and E-mail: jlan-consult@j-parc.jp. A "News" link is visible at the bottom left of the page.

When you extend period of use for another 14 days, click [Extend for 14days].

When you intend period of use to be ended, click [Release my session].

Any comments/feedbacks are welcome. Please contact JLAN support office.

- Office hours: Monday- Friday 9AM-5PM
- mail: JLAN-consult@j-parc.jp
- call: 029-284-3631 or PHS3631

Frequently Asked Questions and Answers

1. Q: I was not able to connect the User LAN after I connected to the GWLAN.
I was not able to connect the GWLAN after User LAN connection.
Q: Login page was not appeared (redirected) in my web browser.

A: try the following User LAN login page address explicitly;
<https://auth.userlan.j-parc.jp/users/>

2. Q: In using iOS devices, though I have completed login authentication which said “Logged in successfully”, it seems to be disconnected when I connect web pages.

A: It is sometimes relieved by deleting anything SSIDs set in the device other than the SSID of “UserLAN3”.

3. Q: The login authentication takes too much time (more than 1min to be completed).

A: It may refer to a cached link of the browser. It could be solved by one of the following;
(a) FINISH (CLOSE the page is not enough) the browser and restart.
(b) Clear the browser cash.

4. Q: I have an ID in the KEK User Support system, but I could not login User LAN by the ID.
Q: I tried to login as soon as I registered (or added a purpose of visit) the J-PARC/KEK User Support System, but I could not login by the ID.

A: For User LAN authentication, ID of J-PARC J-PARC/KEK User Support System is not enough. The ID must be linked to User support system’s “activity”s of approved experiment for this JFY.

In addition, since the information of the authorized users are collected at every 30 min, it takes a while after the registration at the User support system.

Note that the connection of 5GHz band

- In case of connecting SSID “UserLAN3” with 5GHz disconnecting of the band by the reason of long distance between APs and the equipment will cause automatical switching to connection using 2.4GHz band and the session will be continued.
 - * However, it will not be automatically switched back from 2.4GHz band to 5GHz band, therefore your intentional reconnection is needed if you want to use 5GHz band again.
- W56(5470-5725MHz) in 5GHz band is used for SSID “UserLAN3”, because the other band W52/W53 are already used for the other purposes.
- 5GHz band(W56) is also used for weather radar systems and so on. Therefore, when APs detect radar signals, they will stop using 5GHz band for one minute and it will make session disconnection. (This function is known as the Dynamic Frequency Selection.)