

## NOTICE TO USERS

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### Guest Networking at Jefferson Lab

Visitors without a username and password will be able to use the conference wireless network for Internet access only. Conference wireless networking is available in most buildings at Jefferson Lab including the Applied Research Center and the FEL. Visitors who wish to use the wireless conference network must configure their own wireless network card using the SSID (Service Set Identifier) and WEP (Wired Equivalent Privacy) key listed below. Alternatively, conferences hosted at JLab and arranged through Staff Services have a generic, limited account and password which can be used with the public computers located on CEBAF Center mezzanine overlooking the cafeteria and on the conference pcs provided.

WEP Key for August 2009: **ZgPu8w9dS3fbd**

A new key is valid the first Monday of each month. This key is alpha-numeric, not hexadecimal. The Computer Center currently supports wireless setups for adapters with 128 bit encryption only. Any 802.11b compliant wireless network card should work.

### Windows XP

Presumably your network card is already installed. If not, please refer to the manufacturer's instructions to install it.

1. Click Start >> Connect To >> Show All Connections >> Right click Wireless Network Connection >> Select Properties >> Choose the Wireless Networks tab >> Add
2. In the field labeled Network name (SSID) enter the value **jlab\_guest**
3. In the field labeled Network Authentication enter the value Open
4. In the field labeled Data Encryption enter the value WEP
5. Unselect the checkbox next to "The key is provided for me automatically"
6. In the field labeled Network key enter the WEP key found near the top of this page, then re-type the key in the field labeled Confirm network key and click the OK button.
7. In the Network Tasks windowpane to the left, select View available wireless networks.
8. You will see that jlab\_guest is connected. You can further verify this by opening a web page or configuring a printer (Instructions for printing on the conference network are at the bottom of this page).

Troubleshooting: if the setup above fails, verify that the following property values are also setup correctly:

- a. "Station Name" should be set to your computer name.
- b. "Network Operations" should be set to "Normal IEEE (=default)".
- c. "Transmit Rate" should be set to "Auto Rate Select (High)".

### Mac OSX (10.5.x)

1. Click the Apple Menu >> System Preferences >> Network >> Airport >> Select the "Show Airport Status in Menu bar" option. Close open windows.
2. From the Menu bar, click on the Airport icon >> Join Other Network
3. Confirm that in the field labeled Wireless Security "WEP Password" is selected.
4. In the field labeled Network Name enter the value **jlab\_guest**
5. In the field labeled Password enter the WEP key found at the top of this page.
6. Click the OK button. Verify that the configuration is correct by opening a web page.

### Linux

Log in as root and type:

```
iwconfig devicename essid "jlab_guest" key s:wepkeyfoundabove (no spaces)
```

(where devicename could be wlan, eth0, eth1, etc)

### Printing - Windows

1. Find the name of closest printer you want to print to. You can ask JLAB Staff Services for assistance if you need help locating one.
2. Go to Start, Run and type \\confsrv and Enter. A window with all available printers will pop up. Double click the printer names you want to use and start print.

### Printing – Mac OSX

1. Find the name of closest printer you want to print to. You can ask JLAB Staff Services for assistance if you need help locating one.
2. Open "System Preferences" and go to "Print & Fax". Click the + to add a new printer.
3. Select the **IP** tab  
Protocol: Line Printer Daemon – LPD  
Address: `confsrv.jlab.org`  
Queue: *name of the printer*  
Name: *name of the printer*  
Location: *you can leave this blank*  
Print Using: Generic Postscript Printer – *unless you have the proper print drive installed*  
Click **Add**