Computing at the Niels Bohr Institute
Information for workshop participants

Network

The institute has a wireless network throughout, set to WEP encryption. You will need the password that is in the folder you received at registration.

Note that our IT staff greatly prefers it if you set the DHCP client name ("Computer name" in Windows) to something easily identifiable. Note further that illegal activities of any kind on the network are strictly forbidden; the network is monitored. The rules, the following information and more besides are available on:

http://www.nbi.dk/COMPUTATION/

Use of the network implies acceptance of the rules.

A word on security

The Institute is not a safe place. Unfortunately, laptops have been stolen. Therefore, do not leave laptops in unlocked areas or forget your portable machine in your office over night, unless it is attached to a security chain.

Email

You can of course always connect to your own institute's webmail facilities if available there. If you use a laptop it is likely that you might want to use a client mail program with a graphics user interface like Thunderbird, Mozilla, Outlook, Evolution etc. To setup one of these to use NBI's mail system, use

Outgoing server: smtp.nbi.dk, port 465 using SSL
Incoming IMAP server: imap1.nbi.dk , port 993 using SSL

It is absolutely recommended to use the IMAP protocol. If you have good reasons to use POP, connect to pop.nbi.dk on port 995 with SSL. If you connect as above you can also use our mail servers from outside the Institute. A better alternative in that case could be Webmail instead.

Printer configuration

All our public printers are HP printers which can use either the UNIX **lpr** protocol or TCP/IP printing on port 9100. They are accessible via the CUPS printserver at cups.nbi.dk or directly.

Linux and **Macintosh** machines should be configured to use the CUPS printserver. It will serve all public printers.

Windows machines have essentially two connection alternatives explained below. Note that many of our printers are not using any of the Microsoft specific protocols.

1. To use the printserver. Click on "Add a Printer → Next → A network printer → Next → Connect to a printer on the Internet". Here you should enter a URL of the form http://cups.nbi.dk:631/printers/<queue>
2. To communicate directly with the printer on port 9100, also called TCP/IP printing. Start at the menu "Add a Printer → Next → Local printer ... → Create a new port → Standard TCP/IP port ". Do not ask Windows to search for the printer, it will not find it. Enter the printer's IP-name. It is normally written on a label on the printer. Enter it with the fully qualified domainname like psfb.nbi.dk or pscolfc.printers.nbi.dk. If your machine is getting its IP configuration from DHCP it is normally not on domain nbi.dk but on one of the subdomains like priv.nbi.dk or dhcp.nbi.dk .

The printdrivers included in Windows are often out of date. For HP printers you can find the newest drivers if start at HP's support site

Do not define your own printers as shared in Windows. This will create a lot of unnecessary network traffic. Most important, however, is that your printers could be displayed on other Windows machine's printer list, thereby confusing and disturbing the innocent users there.