The **CIP Pool** consists of 24 workstations in the CIP1 and CIP2 pool rooms, 12 workstations in the container building, 6 workstations in the Mini Pool by the entrance and 3 workstations in the foyer. All workstations run Ubuntu 18.04 LTS, but they can also be used to connect to the **Windows Application Server**. There are SmartBoards in CIP2 and Cont2.

To enter the CIP Pool rooms, just hold your Legic card (student ID) next to the card readers by the doors. In case of problems, please take your card out of your wallet, many other cards (e.g. credit cards) use Legic-compatible technology, so the reader may actually see the wrong card. In case of persistent problems, send an email to cipadmins@ph.tum.de.

In some of the rooms there are **printers**, to reduce wasted paper by erroneous **print** commands, they usually can only be accessed from the respective rooms. To **cancel your printouts** (if you do not want to wait for them), go to [http://cups.ph.tum.de:631/jobs/](http://cups.ph.tum.de:631/jobs/) and use your login and password. You can also open a terminal window (Accessories/Terminal) and type `lprm job#`, your job# is displayed in the printer's queue (see links on the **Printing** page).

There is a page on **Remote Access**, but you need to be logged in with your TUM account to view it.

If you want to install software licensed by the Physikdepartment on your own computer, please go [here](#).

### News

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>2020-03-16</td>
<td>We have a little &quot;studio&quot; for Screencasts in CIP2.</td>
</tr>
<tr>
<td>2019-10-20</td>
<td>There are <strong>CO2 detectors</strong> in CIP1 and CIP2. Please ventilate the rooms when the concentration is higher than 1000ppm.</td>
</tr>
<tr>
<td>2019-06-08</td>
<td>We have a brand new <strong>RaspberryPi4</strong> in CIP1, you can login with your usual credentials. Not all the usual software is installed, but the machine is fine for browsing etc.</td>
</tr>
</tbody>
</table>
cip2ivy has been replaced with a new CoffeeLake CPU machine, cip2ivy has moved to CIP1 and replaced the last first-generation Core-i7.

VNC now uses tigerVNC (instead of tightVNC) to support dynamic screen resizing (SettingsDisplay, just like a physical monitor)

Maintaining the NX remote access functionality is getting more and more difficult because a lot of the components involved (xfs server side font rendering!) can only be convinced to work on modern distributions by compiling our own binaries from old sources. Also, users report that running the client binaries is only possible with some tricks. We will therefore discontinue NX, please use VNC! See RemoteAccess for details.

Cipgate now runs **Ubuntu 18.04 Bionic Beaver**. just like the test hosts in CIP1. Please test and report problems/success.

You can now remotely connect to the CIP pool via VNC! First, connect to cipgate via SSH as usual, but including a port forward for VNC: "ssh -p 222 gi12xyz@cipgate.ph.tum.de -L 5900:localhost:5900". Then, you can connect to the graphical login screen of cipgate by typing "vncviewer localhost" on your local computer. See RemoteAccess for details.

The temperatures are rising and the air conditioners are dripping again. 🌡️ Please report water on the tables to cipadmins@ph.tum.de!

We have replaced the first-generation Core-i7 hosts in CIP2 with Skylake-based systems.
The card readers by the doors now authenticate against the central LDAP directory. Please report any problems.

Mathematica 11 is now available.

Almost all the computers in CIP1 and CIP2 now run on SSDs.

We now have a direct VPN connection to the CIP pool.

The problem with the dripping air conditioner in CIP2 should be fixed. Please report dripping water if you see it!

cip2ivy in CIP2 now has a 22" FullHD Wacom Cintiq. You are welcome to play with it, but please do not steal the pen.

This is the new Wiki for the CIP pool!

We have moved the contents of the old twiki to the new TUM Wiki system. You can contribute in the User Forum section!

All photos on these pages were taken by SR.

Recent space activity

Hecksiegel, Stefan

Screencasts updated 07 April 2020 • view change

CIP-Pool TUM Physikdepartment updated 27 March 2020 • view change