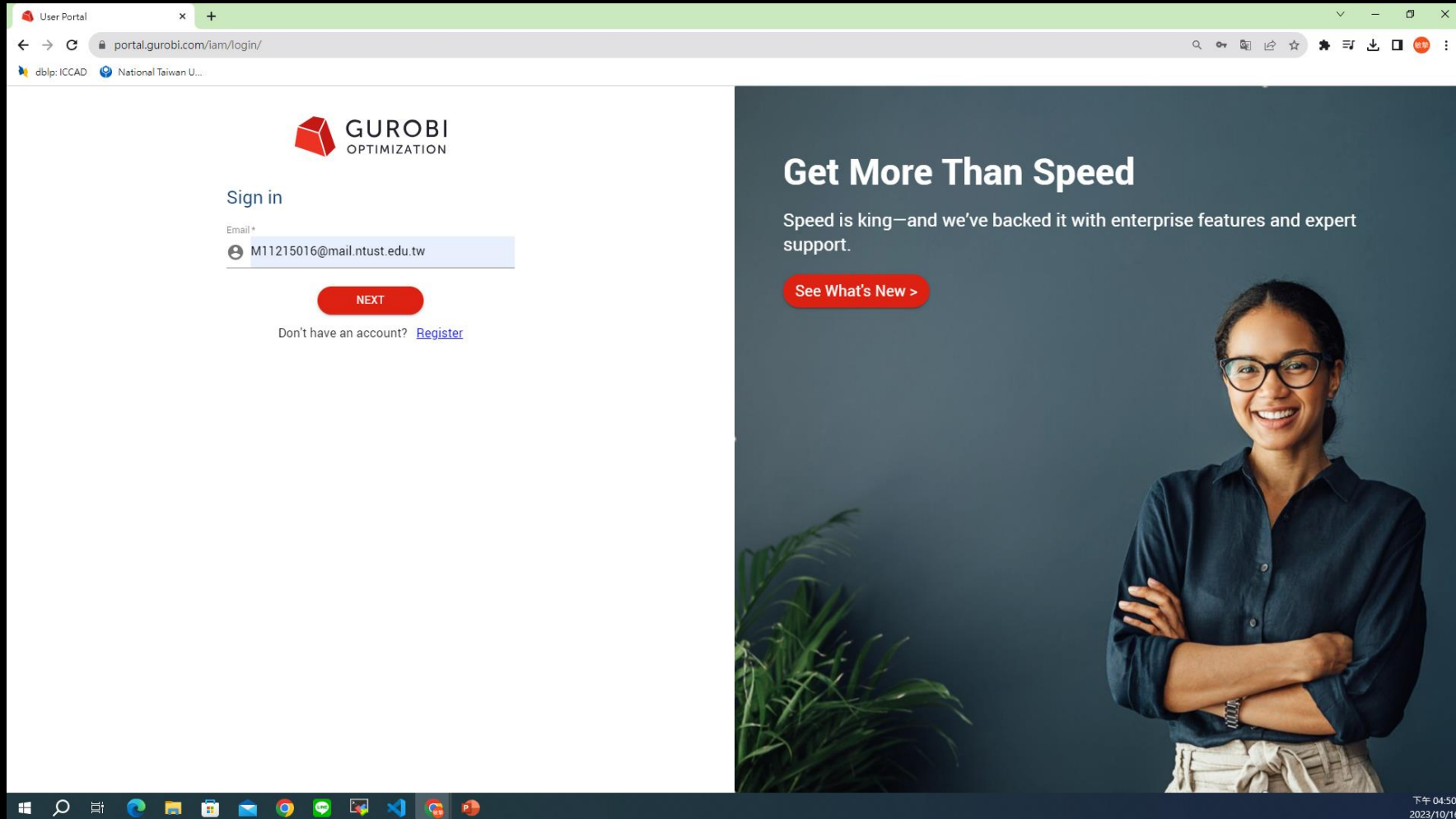


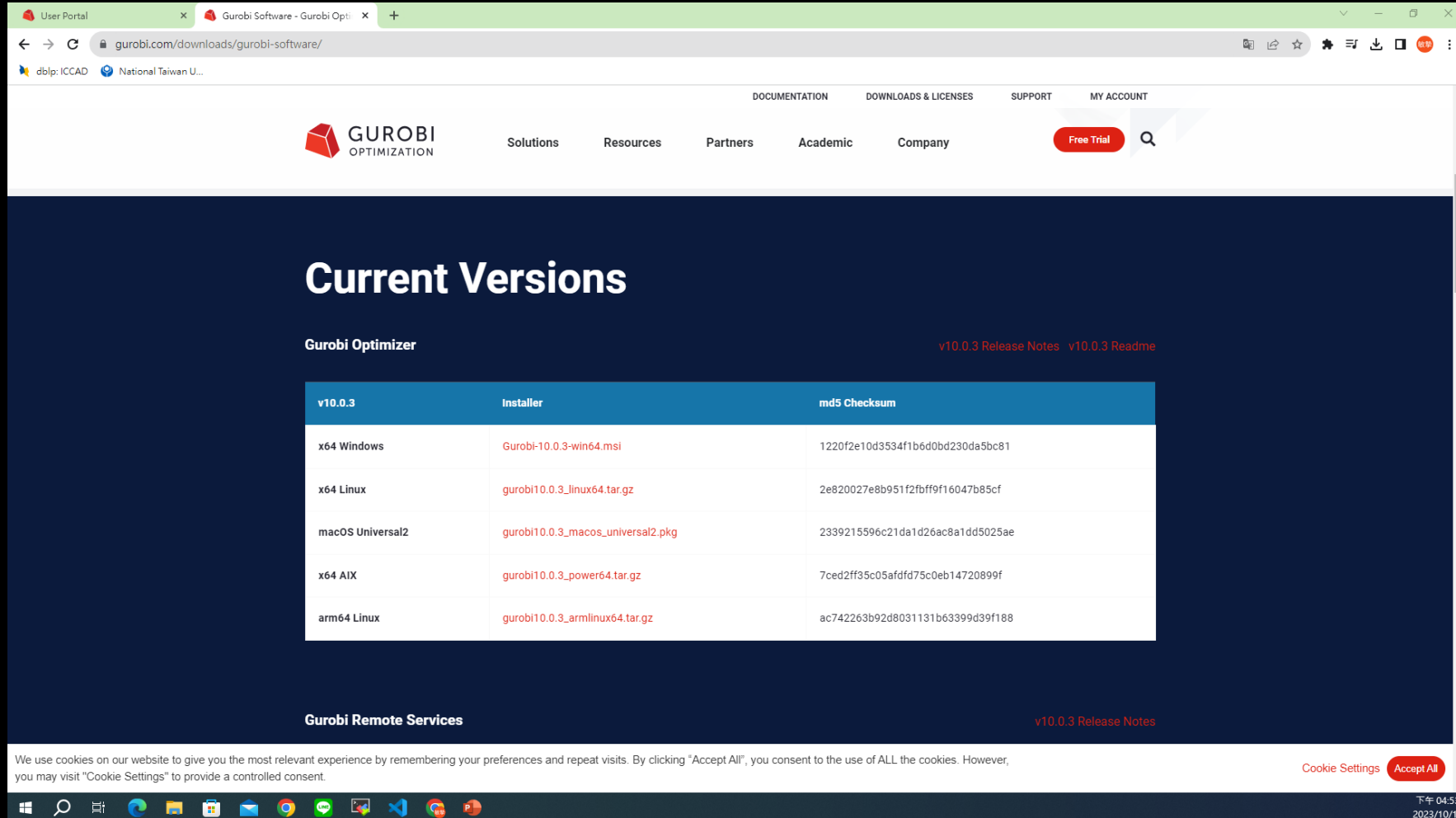
GUROBI Installation Guild: Linux

Reference: <https://support.gurobi.com/hc/en-us/articles/4534161999889-How-do-I-install-Gurobi-Optimizer->

Register an account using school email



Download Linux version



The screenshot shows the Gurobi Software website with the URL gurobi.com/downloads/gurobi-software/. The page features a navigation bar with links to Documentation, Downloads & Licenses, Support, and My Account. The main content area is titled "Current Versions" and displays the "Gurobi Optimizer" section. A table lists the available download packages for v10.0.3, including Windows, Linux, macOS, and AIX. The Linux version is highlighted, showing the download link [gurobi10.0.3_linux64.tar.gz](#) and the MD5 checksum [2e820027e8b951f2fbff9f16047b85cf](#). The page also includes a "Gurobi Remote Services" section and a cookie consent banner at the bottom.

Current Versions

Gurobi Optimizer [v10.0.3 Release Notes](#) [v10.0.3 Readme](#)

v10.0.3	Installer	md5 Checksum
x64 Windows	Gurobi-10.0.3-win64.msi	1220f2e10d3534f1b6d0bd230da5bc81
x64 Linux	gurobi10.0.3_linux64.tar.gz	2e820027e8b951f2fbff9f16047b85cf
macOS Universal2	gurobi10.0.3_macos_universal2.pkg	2339215596c21da1d26ac8a1dd5025ae
x64 AIX	gurobi10.0.3_power64.tar.gz	7ced2ff35c05afdfd75c0eb14720899f
arm64 Linux	gurobi10.0.3_armlinux64.tar.gz	ac742263b92d8031131b63399d39f188

Gurobi Remote Services [v10.0.3 Release Notes](#)

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Click here to apply Academic Named-User license

Our Most Popular Academic License: Start your journey here. Get a free, unlimited-use Gurobi Optimizer license for a single person, on a single machine.

To obtain your free Academic Named-User License:

1. Register for a free Gurobi account as an academic and log in.
2. Visit the [Download Gurobi Optimizer](#) page and download the version you need, as well as the README.txt.
3. Follow the instructions in README.txt to install the software.
4. Once installed, visit the [Gurobi User Portal](#) to request your free Named-User License.
5. Next, run grbgetkey using the argument provided on the Academic License Detail page (ex: grbgetkey ae36ac20-16e6-acd2-f242-4da6e765fa0a). The grbgetkey program will prompt you to store the license file on your machine.

If you encounter an "ERROR 303" message when running grbgetkey, please see the article, [How do I resolve an "ERROR 303" from grbgetkey?](#). Your license will be valid for up to one year and is renewable for as long as you maintain eligibility.

Do you need assistance with installation? Check out our [Academic Community YouTube channel](#) for installation guides and FAQs with our Expert Team.

We use cookies on our website to give you the most relevant experience by remembering your preferences and repeat visits. By clicking "Accept All", you consent to the use of ALL the cookies. However, you may visit "Cookie Settings" to provide a controlled consent.
<https://portal.gurobi.com/iam/licenses/request?type=academic>

Cookie Settings Accept All

下午 04:54
2023/10/16

Click Named-User Academic and copy

The screenshot shows the Gurobi User Portal interface. The browser address bar indicates the URL `portal.gurobi.com/iam/licenses/request/?type=academic`. The page title is "Request License" and it specifies "Free License Options for Academic Users". There are two tabs: "ACADEMIC" (selected) and "COMMERCIAL".

The "Named-User Academic" option is highlighted with an orange border. It includes the following details:

- Icon: A graduation cap.
- Description: "Get a free, unlimited-use Gurobi Optimizer license for a single person, on a single machine."
- Features:
 - Runs on a single machine only
 - Supports any Gurobi versions
 - Requires an internet connection for installation
 - Valid for one year
 - New licenses can be generated as long as you maintain eligibility
- Button: "GENERATE NOW!"

Below the license options, there are two categories: "Educational Institution Site" and "Online Course".

A modal window titled "License 2426529 created" is open on the right. It provides instructions for using the license:

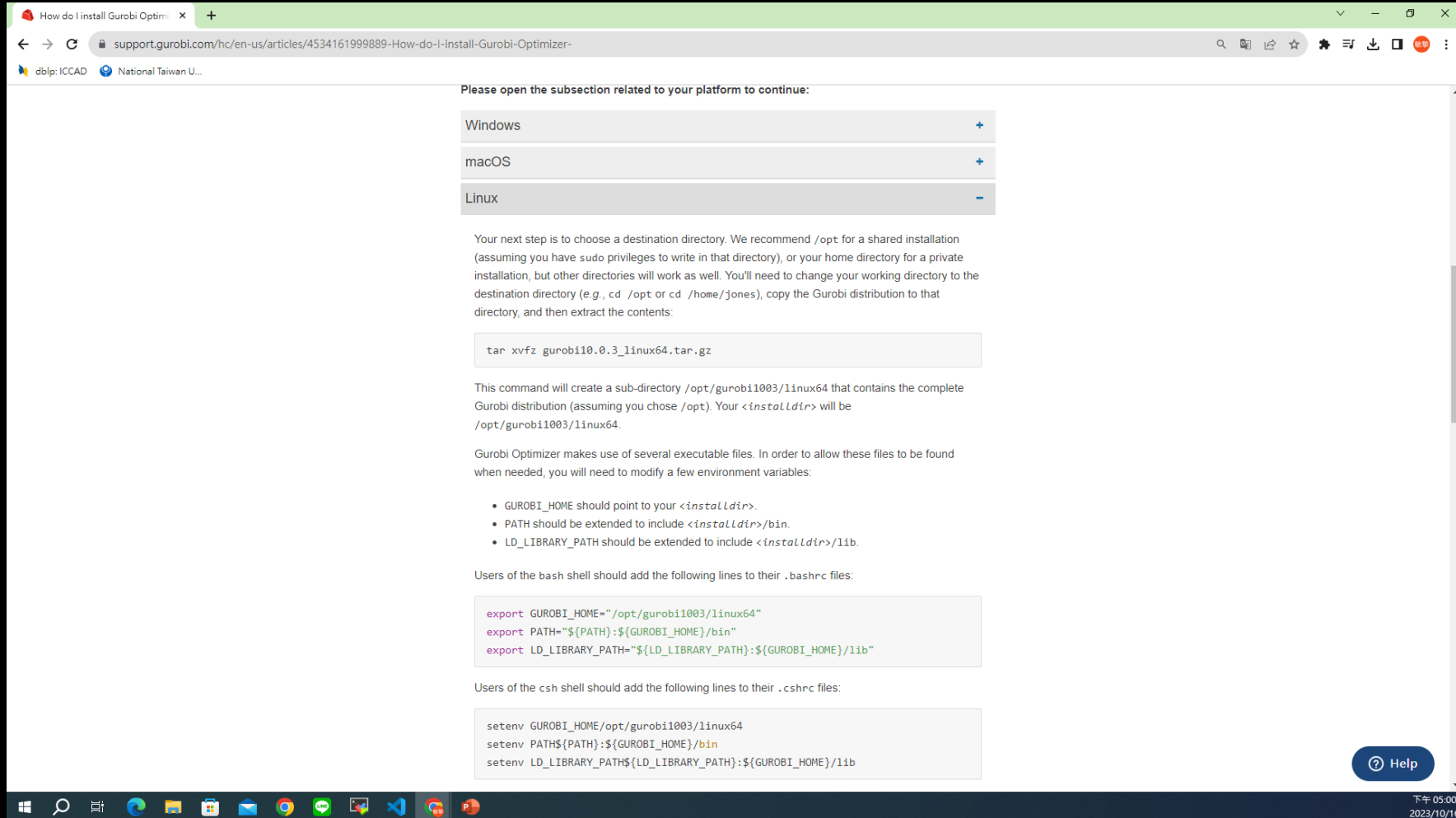
- Install Gurobi on this machine (see [Software Installation Guide](#)).
- Install the Gurobi license.

Copy and paste the following command to the Start/Run menu (Windows only) or a command/terminal prompt (any system):

```
grbgetkey [redacted]
```

The modal also includes a "CLOSE" button and a "GO TO LICENSES" button.

Follow this page



The screenshot shows a web browser window with the URL `support.gurobi.com/hc/en-us/articles/4534161999889-How-do-I-install-Gurobi-Optimizer-`. The page content is as follows:

Please open the subsection related to your platform to continue:

- Windows +
- macOS +
- Linux -

Your next step is to choose a destination directory. We recommend `/opt` for a shared installation (assuming you have `sudo` privileges to write in that directory), or your home directory for a private installation, but other directories will work as well. You'll need to change your working directory to the destination directory (e.g., `cd /opt` or `cd /home/jones`), copy the Gurobi distribution to that directory, and then extract the contents:

```
tar xvfz gurobi10.0.3_linux64.tar.gz
```

This command will create a sub-directory `/opt/gurobi1003/linux64` that contains the complete Gurobi distribution (assuming you chose `/opt`). Your `<installdir>` will be `/opt/gurobi1003/linux64`.

Gurobi Optimizer makes use of several executable files. In order to allow these files to be found when needed, you will need to modify a few environment variables:

- `GUROBI_HOME` should point to your `<installdir>`.
- `PATH` should be extended to include `<installdir>/bin`.
- `LD_LIBRARY_PATH` should be extended to include `<installdir>/lib`.

Users of the bash shell should add the following lines to their `.bashrc` files:

```
export GUROBI_HOME="/opt/gurobi1003/linux64"
export PATH="${PATH}:${GUROBI_HOME}/bin"
export LD_LIBRARY_PATH="${LD_LIBRARY_PATH}:${GUROBI_HOME}/lib"
```

Users of the csh shell should add the following lines to their `.cshrc` files:

```
setenv GUROBI_HOME /opt/gurobi1003/linux64
setenv PATH ${PATH}:${GUROBI_HOME}/bin
setenv LD_LIBRARY_PATH ${LD_LIBRARY_PATH}:${GUROBI_HOME}/lib
```

At the bottom right of the page is a blue button with a question mark icon and the text "Help". The browser's taskbar at the bottom shows various application icons and the system clock displays "下午 05:00" and "2023/10/16".

<https://support.gurobi.com/hc/en-us/articles/4534161999889-How-do-I-install-Gurobi-Optimizer->

Paste your license here

```
m11215016@DESKTOP-RRHJFOT:~/1121CAD/PJ2/gurobi1003/linux64/bin$ ./grbgetkey [REDACTED]  
[REDACTED]  
info : grbgetkey version 10.0.3, build v10.0.3rc0  
info : Contacting Gurobi license server...  
info : License file for license ID 2426457 was successfully retrieved  
info : License expires at the end of the day on 2024-10-15  
info : Saving license file...  
  
In which directory would you like to store the Gurobi license file?  
[hit Enter to store it in /home/m11215016]:  
  
info : License 2426457 written to file /home/m11215016/gurobi.lic
```

Run gurobi

```
m11215016@DESKTOP-RRHJFQT:~/1121CAD/PJ2/gurobi1003/linux64/bin$ export LD_LIBRARY_PATH="/home/m11215016/1121CAD/PJ2/gurobi1003/linux64/lib"
m11215016@DESKTOP-RRHJFQT:~/1121CAD/PJ2/gurobi1003/linux64/bin$ ./gurobi_cl
Set parameter Username
Set parameter LogFile to value "gurobi.log"
Academic license - for non-commercial use only - expires 2024-10-15
Using license file /home/m11215016/gurobi.lic

Usage: gurobi_cl [--command]* [param=value]* filename
Type 'gurobi_cl --help' for more information.
```

Run: `./gurobi_cl ResultFile=sol_file lp_file`