

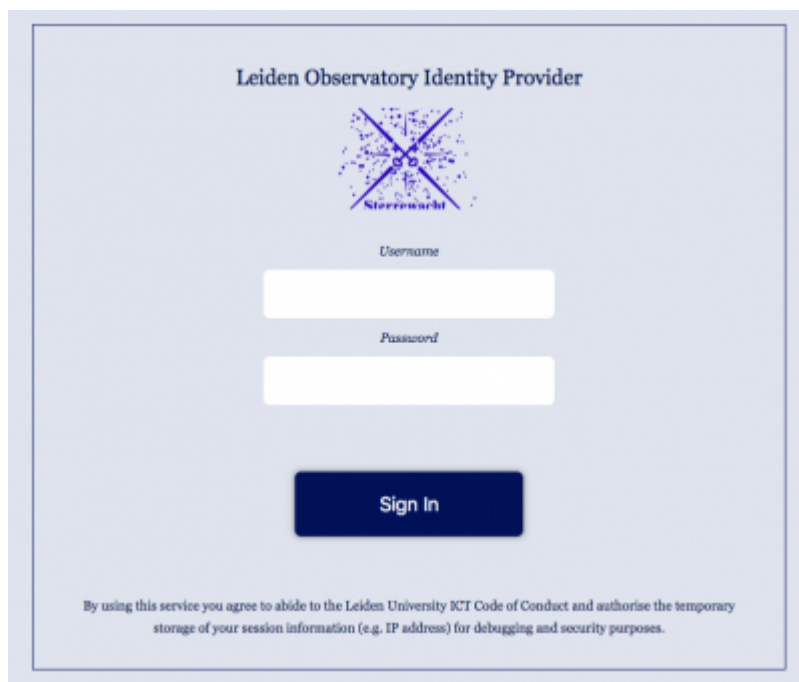
# First Time Access

## With a Personal Computer

If you do not have a Smart Phone, or if you do not want to use a Smart Phone, you can use alternative programs to provide the passcode needed for 2FA. A few of these programs are:

- KeepassXC ([keepassxc.org](https://keepassxc.org) GUI) or,
- oathtool ([oath-toolkit](https://github.com/jkorneel/oath-toolkit) GNU/Linux cmd line) or,
- OTP Manager ([id928941247](https://www.id928941247.com) MacOS)

or any softwares that implement OTP standards.



The screenshot shows the login interface for the Leiden Observatory Identity Provider. At the top, it says "Leiden Observatory Identity Provider" with a logo featuring a star and the word "Starrworld". Below the logo are two input fields: "Username" and "Password". A dark blue "Sign In" button is positioned below the password field. At the bottom, there is a small disclaimer: "By using this service you agree to abide to the Leiden University ICT Code of Conduct and authorise the temporary storage of your session information (e.g. IP address) for debugging and security purposes."

So after installing one or more of the above programs you can proceed to go to a web page that helps you setup 2FA. This page is located in our [Self Service area](#). When you access that page you are redirected to the new Observatory Identity Provider and presented with a login window.

Leiden Observatory Identity Provider



You need to set up Mobile Authenticator to activate your account.

1. Install one of the following applications on your mobile:
  - FreeOTP
  - Google Authenticator
2. Open the application and scan the barcode:
3. Enter the one-time code provided by the application and click Submit to finish the setup.

Provide a Device Name to help you manage your OTP device.


(Six digit) One-time passcode \*

Device Name

Submit

After entering your account credentials you are present a QR code on the next page. Your computer programs are not equipped to scan QR codes, so you need to 'see' the secret key. For this you click the link [Unable to scan?](#)

Leiden Observatory Identity Provider



You need to set up Mobile Authenticator to activate your account.

1. Install one of the following applications on your mobile:
  - FreeOTP
  - Google Authenticator
2. Open the application and enter the key:

PR09 UM8S 5UQX M0N5Y 0R1E 045F 09XD C7xU

[Show barcode?](#)
3. Use the following configuration values if the application allows setting them:
  - Token Name (label)
  - algorithm: SHA1
  - digits: 6
  - timeperiod: 30
4. Enter the one-time code provided by the application and click Submit to finish the setup.

Provide a Device Name to help you manage your OTP device.

One-time code \*

Device Name

Submit

After clicking the link you will be presented a window that shows you the secret key in clear text. Copy this key and save it in a place where your program can use it. Then run this program to obtain a passcode (a six digit number). Note that the passcodes have a lifespan of 30 seconds, so you might need to regenerate a new passcode if the 30 sec. timeslot has passed.

Since you are now setting up 2FA for the first time, you may also type in a name for the device from which you are getting the passcodes. It is merely a tag for later use. Having filled in all required fields, you continue to **Submit** the next form.

Now follow the steps from section [Remaining Setup](#)

From:

<https://helpdesk.physics.leidenuniv.nl/wiki/> - **Computer Documentation Wiki**

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Last update: **2021/03/04 14:54**

