From within the University network (desktop machines in the computer room).

Use a Postgres client and connect with: *host* **biber.cosy.sbg.ac.at,** *port* **5432,** *database* **postgres**, your database username. The example uses the *psql* command line client. Replace YOURDBUSERNAME with your database username.

```
psql -h biber.cosy.sbg.ac.at -p 5432 -d postgres -U YOURDBUSERNAME
```

You will be asked for your database password. After entering the password, you will see the interactive terminal:

```
postgres=>
```

From outside the University network.

First, set up an SSH tunnel using the **sshstud.cosy.sbg.ac.at** server. On Windows, you can use Putty to create the tunnel (details with screenshots shown below). On Linux/OS X, an ssh client is already installed.

SSH Tunnel on Linux/OS X.

Use the following command for the initial connection. Replace COSY-USERID with the username of your Cosy-Account.

```
ssh -L 10000:biber:5432 COSY-USERID@sshstud.cosy.sbg.ac.at
```

You will be asked for the password of your Cosy-Account. This sets up a tunnel from your local pc to the database server **biber.cosy.sbg.ac.at** via **sshstud.cosy.sbg.ac.at**. Now you can connect to the database using your Postgres client (*host* ***localhost,*** *port* is ***10000*****,** *database* **postgres**, your database username). The example uses the *psql* command line client. Replace YOURDBUSERNAME with your database username.

```
psql -h localhost -p 10000 -U YOURDBUSERNAME -d postgres
```

You will be asked for your database password. After entering the password, you will see the interactive terminal:

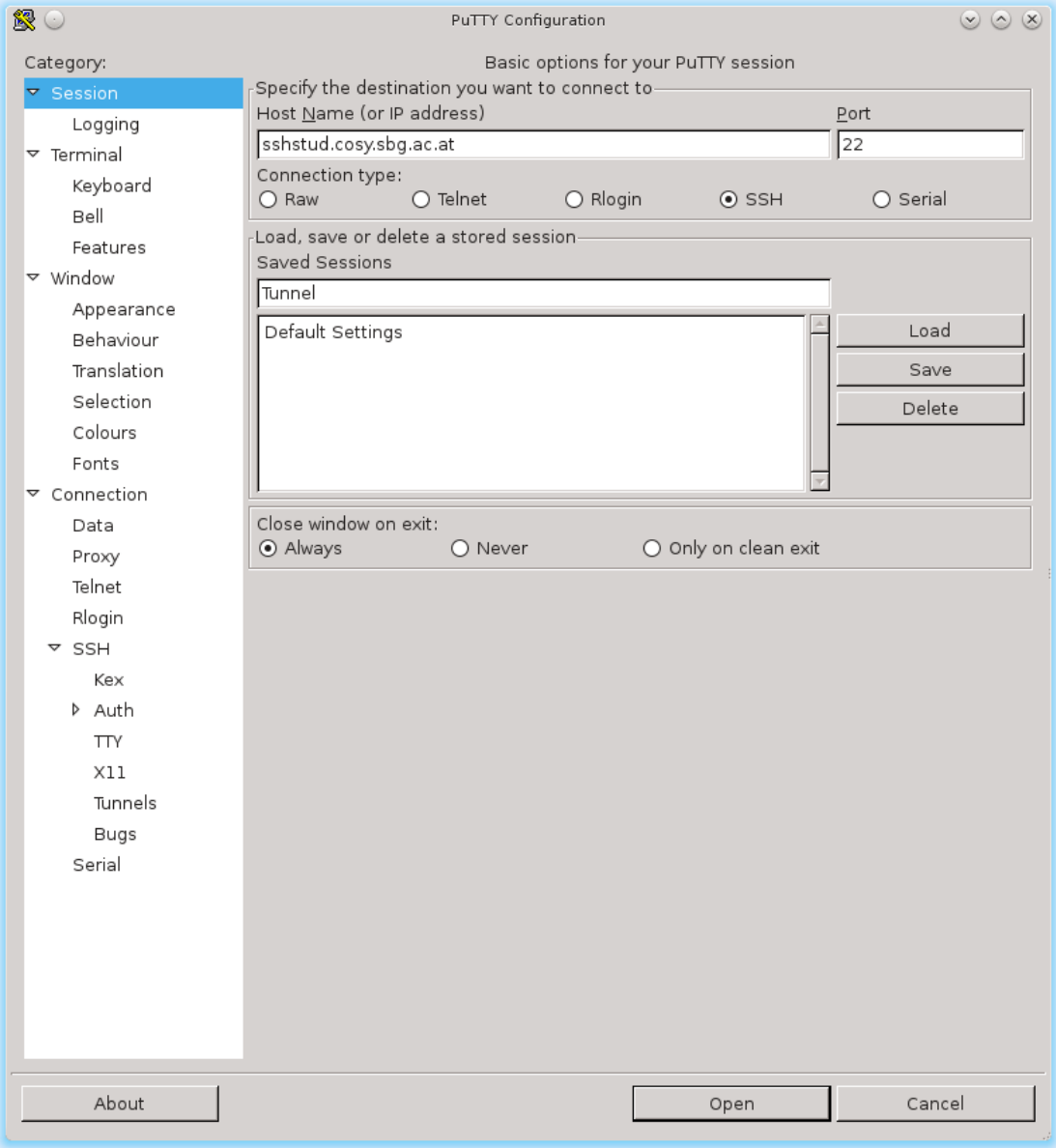
```
postgres=>
```

SSH Tunnel using Putty on Windows.

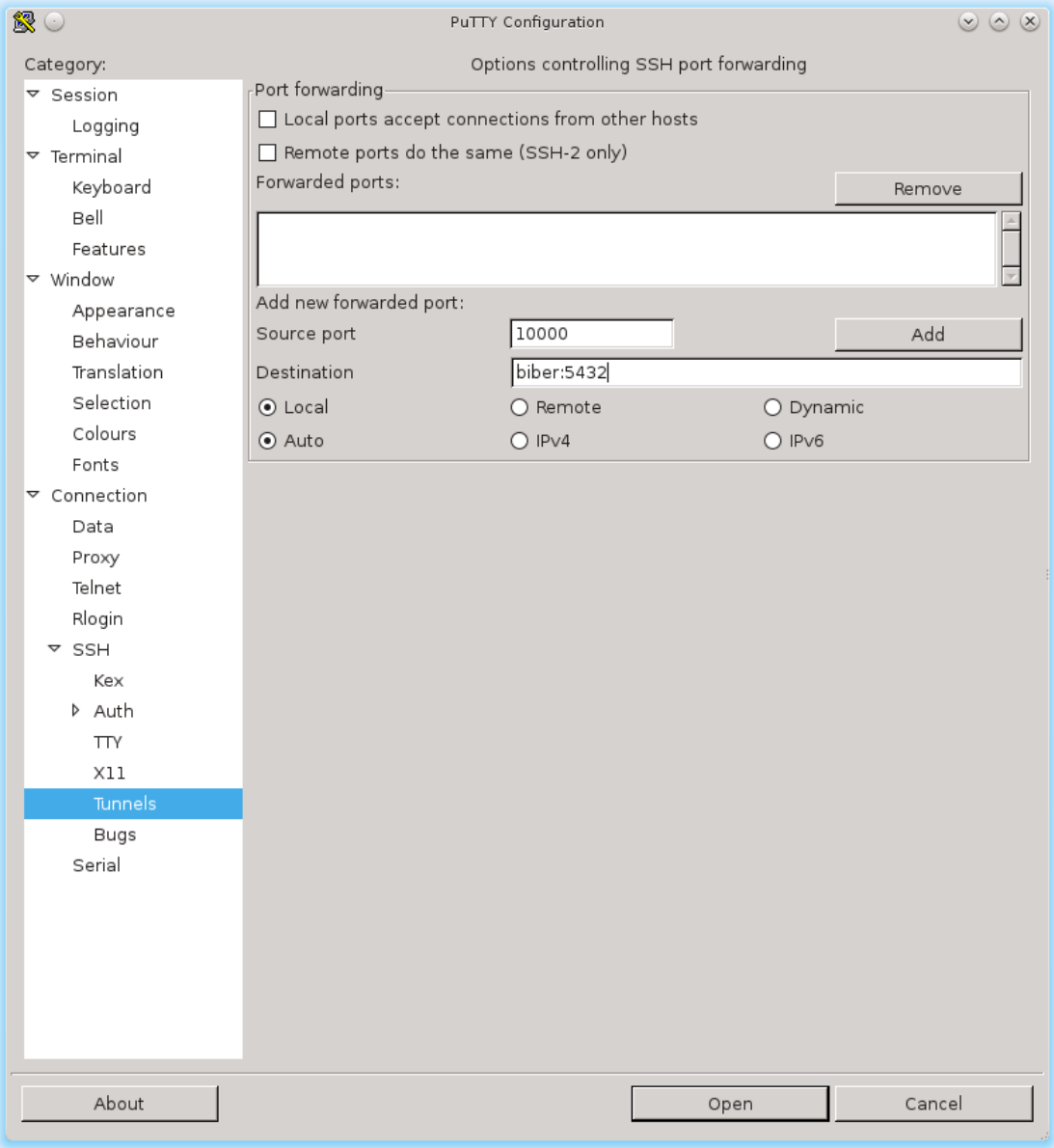
For Putty, here is a step-by-step instruction on how to create an SSH tunnel. After connecting with Putty, the settings for connecting to the database are:

Host: localhost
Port: 10000
Database: postgres

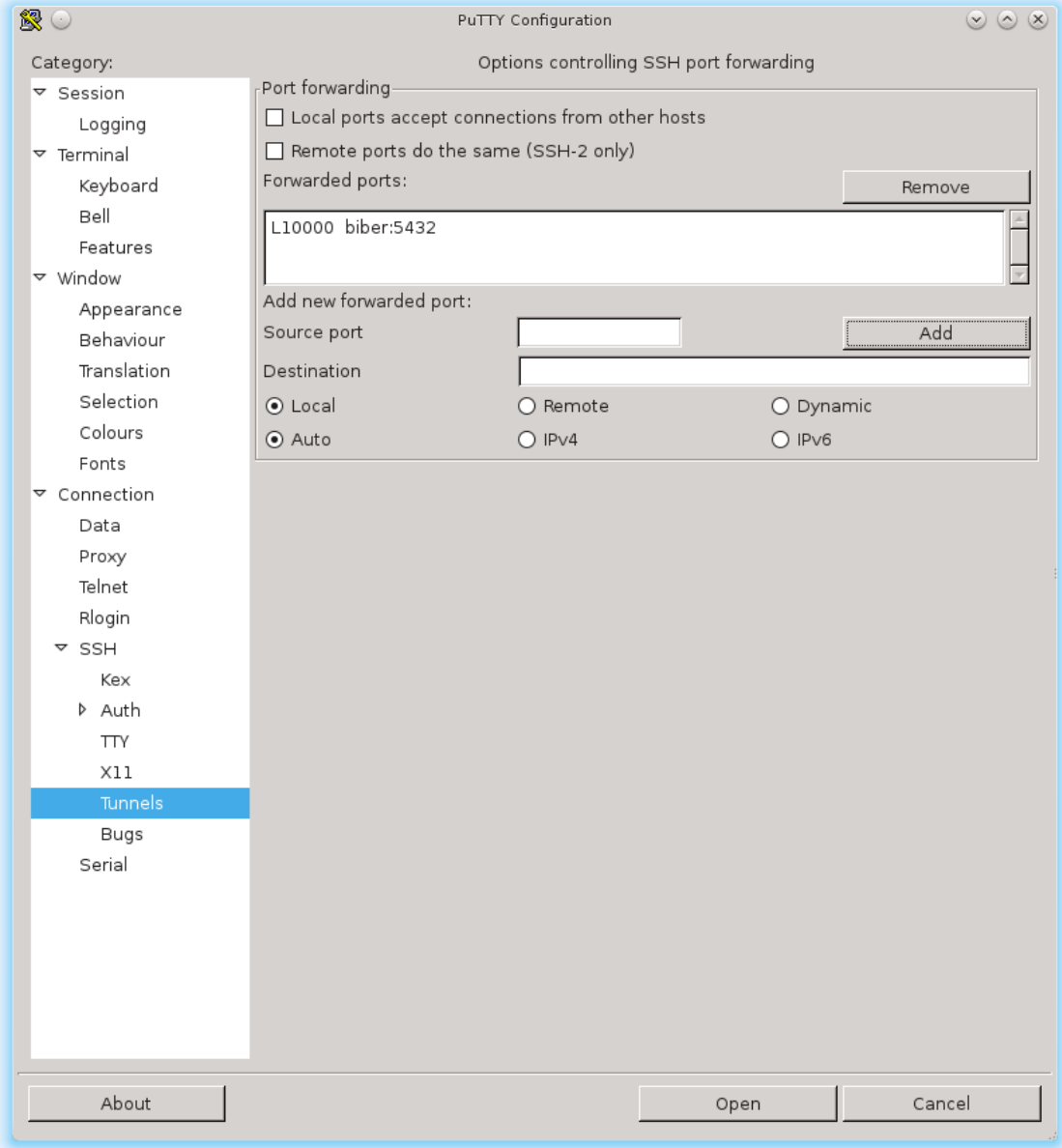
and your username+password.



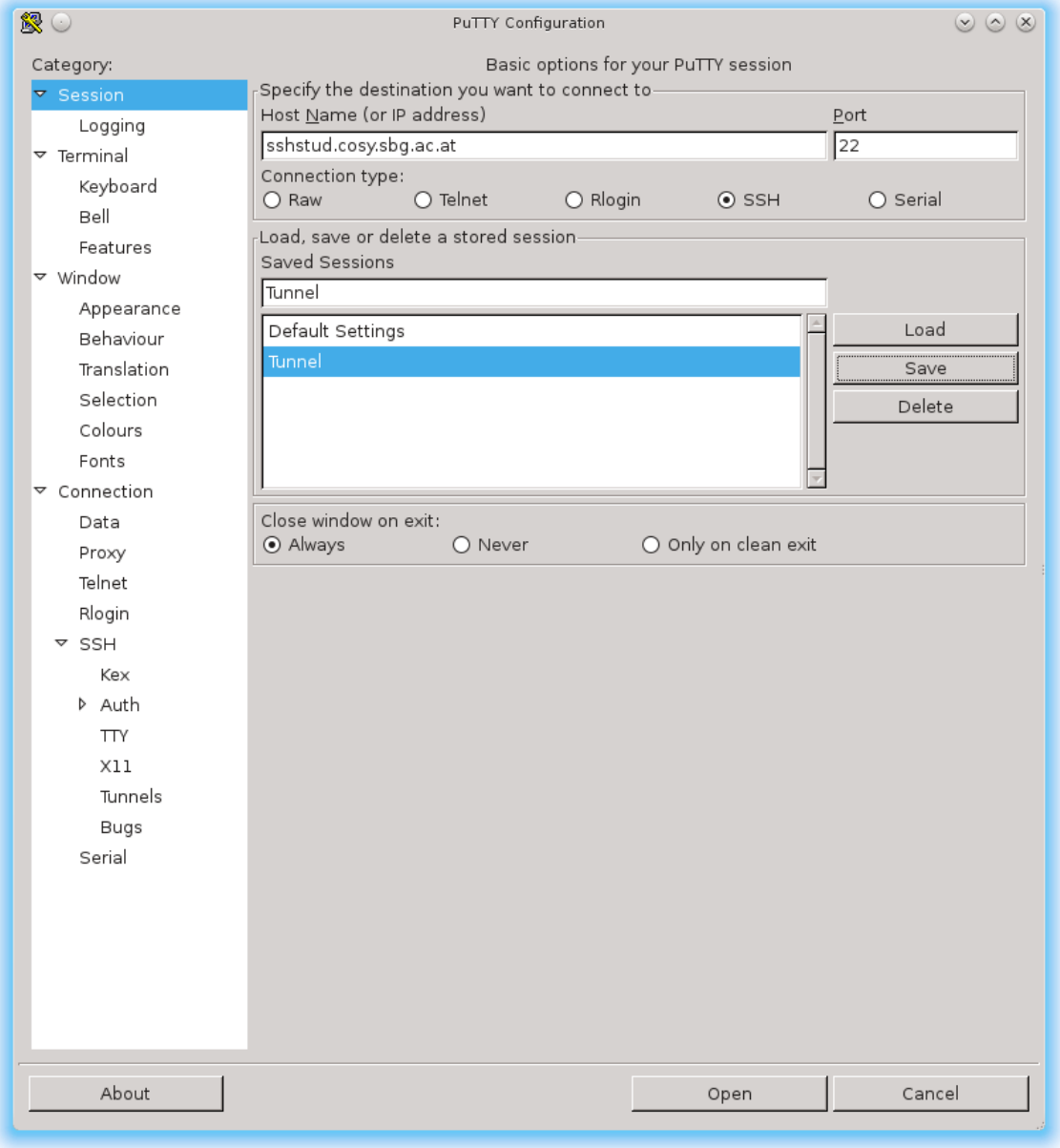
First, you have to enter your SSH server. In our case this is **sshstud.cosy.sbg.ac.at**. Give the session a name (“Tunnel” in the example) to save it later.



Then go to **Connection -> SSH -> Tunnels** and enter the *source port* **10000**. The *destination* has to be set to **biber:5432** (Hostname:Port). Leave everything else on the default settings.



Then click the "Add" button to save the forwarded port.



Go back to Session and click “Save”. In the future you can simply click “Load” to load all the settings for the Session and then click "Open". The tunnel should be set up now. The Putty window must stay open for the tunnel to work.