

# Wi-Fi at CERGE-EI

You can [view or download](#) brief Wi-Fi connection guide ([libairfree](#), residents).

There are four wireless networks at CERGE-EI. Their purpose is more or less complementary:

SSID	Meant for	Allow access to	How to gain access
<b>eduroam</b>	academic community	internet	get eduroam account from the respective academic institution
<b>residents</b>	users affiliated with CERGE-EI	internet and printing	register at <a href="http://wifi.cerge-ei.cz">wifi.cerge-ei.cz</a> with the official email and get password
<b>libairfree</b>	3rd party / non academic guests	internet*	enter username / password* at captive portal after connection is made
<b>cerge-ei</b>	institutional computers only	internet and internal	must have institutional computer

## Wi-Fi 'libairfree'

The Wi-Fi network LIBAIRFREE serves for Internet access via simple web authentication and is intended mainly for guests not affiliated with the academic community.

- (\*) Internet provided via commercial service provider
- After your device is connected, start device's web browser and enter username and password.  
*Hint: if you are not redirected to authentication web page, use <https://wlcwa.cerge-ei.cz> (or use IP <https://1.1.1.2> - you must confirm security exception to use untrusted certificate in this case)*
- () Username and password for authentication: \* can be obtained at the CERGE-EI Library

(Ground floor), \* generally used username: "cerge" password starts with "w" 😊 \* Password for username "cerge" is ment to be rotated semi-annualy (in January and July) \* Do not spread the password outside the CERGE-EI community, please. \* Authentication is valid for one day and/or one stay. After that, it must be done again. Allowed traffic is limited to secure email services, VPN connections and common HTTP, HTTPS based services. You can use the [Wi-Fi Registration microsite](#) to obtain your own residential account for secure 'residents' Wi-Fi (the address is <https://wifi.cerge-ei.cz>). ===== Wi-Fi 'eduroam' ===== This network provides a secure wifi connection for users from academic community (WPA2-Enterprise / 802.1X authentication) \* Eduroam is provided under the umbella of Charles University as a part of the CUNI.CZ Eduroam realm. \* Supporting web pages are available in EN at <https://uvt.cuni.cz/UVTEN-60.html> (basic info, howto, coverage and availability). CZ guide:<http://uvt.cuni.cz/UVT-75.html> \* Username and password for authentication can be obtained from individual's home institution (university, school, institute, ...). \* Hints for Charles University affiliates: \* Username is in format XXXXXXXX@cuni.cz where XXXXXXXX is user's personal number or username in CAS. \* Account eligible for Eduroam access must be verified (i.e. individual must visit UK Point to gain

verified CUNI account). See <https://uvt.cuni.cz/UVTEN-34.html> \* Eduroam password can be set via CUNI CAS (use strong password) <https://ldapuser.cuni.cz/>. User's overview in CAS also indicates whether the account is verified or not. (Please note that it takes some time for the newly set password to take effect.) \* Contact: UK Point - Celetná 13, Praha 1 - <https://cuni.cz/uk-3249.html> Allowed traffic is limited to secure email services, VPN connections and common HTTP, HTTPS based services.

===== Wi-Fi 'residents' ===== This network provides a secure connection for individual users affiliated with CERGE-EI (**WPA2-Enterprise / 802.1X authentication**) \* If you intend to use Wi-Fi at our premises for the prolonged period of time and you are affiliated with CERGE-EI, you **SHOULD** use this Wi-Fi network. \* Each user has his/her own credentials so granular control over who or what connects to the network is at place. \* You have to ask for your own credentials at [Wi-Fi Registration microsite](#) first (address is <https://wifi.cerge-ei.cz>). \* Never give your credentials to any other person! \* Hints for the device setup: \* Username - *Use your registration email (use lower-case letters only)* \* Password - *Use the password shown to you during registration* \* Security type - WPA2-Enterprise / 802.1X \* Domain - [wifi.cerge-ei.cz](#) \* CA certificate - Use system certificate \* Online Certificate Status - Do not verify \* Encryption type - AES \* EAP (authentication) method - Protected EAP (PEAP, Microsoft PEAP) \* Phase 2 authentication - EAP-MSCHAPS2 (Windows specific: disallow use of Windows logon) \* 802.1X Advanced Settings - Authentication mode = User Auth. (enter and save your credentials) **Important: registration site is accessible ONLY from CERGE-EI on-premises networks (LAN, Wi-Fi)** If you are eligible to access the network, your password is generated along with the certain grace period of usage. Pay attention to special settings in Windows (see below in **General Info and Guides**). ===== Wi-Fi 'cerge-ei' ===== The Wi-Fi network 'cerge-ei' is restricted for back-office internal purposes only. **Only institutional computers are allowed to connect to this network.** ===== **General Info and Guides** ===== \* **Wi-Fi network 'residents'** \* [Basics - secured network for all residents](#) \* [Howto - General WiFi settings hints](#)\*\*

- [Howto - MS Windows](#)
- [Howto - Android](#)
- [Wi-Fi at CERGE-EI - coverage](#)
- [General rules for LAN users](#)



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