NEPS
National Educational Panel Study

Biometric authentication of Data Users
Consent to the collection, processing and use of personal data
– keystroke biometrics –
to ensure the security of access to data-processing systems of the
Leibniz Institute for Educational Trajectories (LIfBi)

User name (nu-number): _____

Last name: _____

First name: _____

E-mail: _____

Institution: _____

LIfBi as responsible institution for the National Educational Panel Study (NEPS) is required, according to § 9 clause 1 BDSG (Bundesdatenschutzgesetz) in conjunction with article 7 clause 1 BayDSG (Bayrisches Daten-schutzgesetz), to implement the necessary organizational and technical measures to ensure data protection requirements in compliance with the relevant statutory provisions. In addition to a separate obligation of each data user to maintain data confidentiality, only authorized data users are permitted to use NEPS data in order to ensure data security. Access to these data from outside the LIfBi data security area requires an unambiguous, biometric authentication of the data user.

For this purpose, LIfBi uses a biometric authentication system, so-called keystroke biometrics. This recognizes the data user exclusively by his/her individual typing behavior and assigns the individual keystroke dynamics to the data user using the specific characteristics of his/her typing pattern. The data collected in this process are subject to the right to informational self-determination. As a data user, you hold the right to decide about the disclosure and use of these data. Since biometric data are personal data, their collection, processing, and use is allowed only on the basis of a law or of the free, informed consent of the individual (§ 4 clause 1 BDSG). For more information, see the leaflet "Biometric authentication of Data Users by keystroke biometrics to ensure the security of access to data-processing systems of LIfBi".

Consent

I hereby agree that my authorized access to LIfBi data-processing systems is validated by using biometric authentication – keystroke biometrics – and agree to the respective collection, processing, and use of my required personal data – individual keystroke on the computer. Likewise, I agree to the fact that this data will be stored at LIfBi until further notice.

Instruction

This consent may be revoked at any time without giving reasons. Revocation must be made in writing or by e-mail addressed to the Research Data Center LIfBi (see contact details). After revocation, the biometric data will be deleted immediately. Upon revocation, data access will no longer be possible from outside the LIfBi data security area.

_____
Location, Date

_____
Signatur Data User

Original: Research Data Center
Copy: Data User

Contact

LIfBi – Leibniz Institute for Educational Trajectories
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Wilhelmsplatz 3
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E-mail: fdz@lifbi.de

LIfBi
LEIBNIZ INSTITUTE FOR EDUCATIONAL TRAJECTORIES

Biometric authentication of Data Users by
– Keystroke Biometrics –
to ensure the security of access to data-processing systems of the
Leibniz Institute for Educational Trajectories (LIfBi)

Information for the Data User

The Leibniz Institute for Educational Trajectories (LIfBi), represented by the Directorate, as responsible institution for the National Educational Panel Study (NEPS) is required, according to Art. 32 GDPR, to implement the necessary organizational and technical measures to ensure data security and data integrity requirements. In addition to a separate obligation of each data user to maintain data confidentiality, only authorized data users are permitted to use NEPS data in order to ensure data security. Access to these data from outside the LIfBi data security area requires an unambiguous, biometric authentication of the data user.

For this purpose, LIfBi uses a biometric authentication system, so-called keystroke biometrics. It recognizes the data user exclusively by his individual keystroke behavior. For authentication the data user enters his user name and a sample sentence. This is checked against the stored user profile by a software using complex mathematical algorithms to compare specific features of typing habits with the stored user profile, which has been calculated from the last ten successful logins. If the current typing sample matches the stored data user profile, the keystroke biometric service will grant access to the systems where the data can then be retrieved. With each successful login process, the software will continuously learn and adapt the keystroke data so that security will be further enhanced. The process of keystroke biometrics is based on the finding that typing behavior is as unique as a personal handwriting.

Biometric data are personal data. Their processing is necessary for the implementation of the RemoteNEPS Supplementary Agreement, cf. Art. 6 para 1 sentence 1 lit b) GDPR. The keystroke biometrics will be deleted 10 years after termination of the contractual relationship with LIfBi at the end of the calendar year.

We would like to draw your attention to the right to information, correction, deletion and restriction of processing of personal data. The same applies to the right of objection and the right of appeal to a data protection supervisory authority.

Contact to the Research Data Center:

LIfBi – Leibniz Institute for Educational Trajectories
Research Data Center
Wilhelmsplatz 3
96047 Bamberg
Germany

Phone: +49 (0) 951 863 3511
E-mail: fdz@lifbi.de

Contact to the Internal Data Protection Officer:

LIfBi – Leibniz Institute for Educational Trajectories
Brigitte Bogensperger
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Germany

Phone: +49 (0) 951 863 3418
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