Not only the students learn.

LehrPuls makes visible what lands in the lecture hall — for students during the class, for instructors across the semester, for the institution across years. Live questions from your own laptop, answers from smartphones, analytics that stay. Local, no cloud, no accounts.

Students assess themselves

Every question is feedback to the person answering: "I've got this — not that yet." Peer instruction makes the difference between the first and second answer tangible. Anonymous, no grade, no account.

Instructors learn about their own teaching

The analytics show not only what students know but where the course stumbles: which explanation does not hold, which question is too easy or unclear. Difficulty, discrimination, response times — across semesters.

The institution develops its teaching from evidence

Metrics per topic, course and semester instead of gut feeling. A topic's maturity appears only from ten answers upward; individuals stay protected. Data stays in house — privacy becomes an enabler of quality work.

Build together. Keep researching.

IN THE TEAM

Baton

Pass topics, questions and playlists on as a package — as a file, by email or through a shared exchange folder. Adopt with one click, history visible. Question banks become the common property of a degree program.

PROCESS FURTHER

Export and API

Raw data in long format for Excel and R, metric tables for Power BI, a read-only API with a time-limited key — anonymized by default. Ready-made templates for Power Query, R and Python.

RESEARCH

Educational research with real classroom data

The same question across many cohorts yields a data set that does not exist otherwise: peer-instruction gain, response time as a learning indicator, calibration over a semester. Research kit with data model and sample scripts on lehrpuls.com.

A tool that gets instructors to reflect — because it shows them their own teaching. See within twenty seconds whether it landed, and know by the end of the semester what to change.

Privacy is not a setting here — it is how the tool is built

All data lives with the instructor — locally or in a data folder within the institution's tenant. There is no LehrPuls cloud. On the online path, questions, names and answers travel through the relay encrypted only; the key sits in the fragment of the join address, which the browser never sends to any server. Deletion periods per course, a sample privacy notice in the app, a minimum base for aggregated metrics.

What the institution gets

Quality development of teaching

- Topic maturity, planned vs. actual times, course comparison and the same question tracked across semesters
- Difficulty and discrimination per question — question quality becomes measurable
- Reports and Excel export for program directors and quality management
- Aggregated, without exposing individuals

For teaching and learning centers

- Peer instruction as a two-round flow, muddiest point as an open question, scales for self-assessment
- 19 question types from multiple choice to formula, cloze and sketch
- Trial version without time limit: workshops without licensing overhead
- 33 step-by-step guides, manual, question templates per discipline to import

For IT and data protection

- The laptop is the server: no institutional server, no database, no vendor account
- Online path through the relay is end-to-end encrypted; the relay sees nothing readable
- Silent installation for all users, data folder via group policy
- Privacy dossier with DPIA template and IT checklist

For researchers

- Raw data in long format, column names as a fixed contract
- Read-only REST API, templates for R, Python and Power BI
- Join anonymously, with a pseudonym, or with name and student ID — chosen per session
- Cooperation offer: the data belongs to the institution

How LehrPuls arrives at your institution

STEP 1

Try it

Download, use the sample questions, join with your own smartphone. The trial version is fully usable; the limit is six participants per session.

STEP 2

Pilot in one course

One instructor, one semester, one playlist. At the end the analytics show what changed — the basis for the conversation in the center.

STEP 3

IT approval

IT guide and privacy dossier are ready: installation, data folder in OneDrive, outbound TCP 443 to the relay only. No data processor needed.

STEP 4

Seat package

Personal seats for instructors, paid once instead of yearly. The license travels with the person and their data folder to any computer.

Seat packages for educational institutions

Single seats

€79 · per seat · 1 to 4 seats

For one instructor's pilot or a small team.

Degree program

€69 / €59 · per seat

From 5 seats €69, from 25 seats €59. For programs and centers equipping instructors together.

Institution

€49 · per seat · from 100 seats

For institution-wide rollout. Purchase on invoice available.

Prices of the **Education** license, one-time, including 20% VAT; every seat is personal, there is no activation server. Commercial license for training providers: €149 to €89 per seat.

A conversation, a demo, a pilot

I am happy to show LehrPuls at your center or program — with real questions in the room and the analytics afterwards. Built by an instructor for instructors: LehrPuls grows out of real university teaching in Austria.

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