

SeisComP – Training

Enhance performance, create success



User and Administrator Training for gempa Software and SeisComP



Training on all levels

Our SeisComP Training Programs offer specialized courses for both operators and administrators. The expert-led sessions, conducted by experienced developers and trainers, are designed to enhance your SeisComP skills starting from your personal level. Whether you prefer our regular courses or need tailored training to meet specific needs, we provide flexible learning options to suit your requirements. Contact us to embark on your SeisComP learning journey.

- **Basic training:** New users and administrators of SeisComP providing fast progress and success.
- **Advanced training:** Experienced users focusing on monitoring local seismicity beyond defaults.
- **Custom training:** Users at any level guiding you beyond standard SeisComP monitoring.
- **Administrator training:** Professional system maintenance, data backup, security and monitoring.



We train you and your staff

Choose or configure the training you need



Knowledge and expertise form the basis of a successful operation of SeisComP. Such complex systems acquire, supply and process real-time and archived data. They monitor seismicity, volcanoes and tsunamis providing customized information from your automatic or interactive analysis and modelling to your stakeholders.

Our intensive hands-on SeisComP trainings provide all this to operators, administrators or stakeholders at beginner or advanced level. They have proven sustainability for many institutions.

We train you in small groups in our offices or visit you to work with you on your very system.



Basic Training for SeisComP – registration is open now

Set up, operate and tune your new SeisComP system from scratch

Scope:

This Beginner Course is perfect for new SeisComP users who wish to get quickly started with a productive SeisComP system.

Software packages provided free of charge:

- Life-time QuakeLink license: system redundancy
- Life-time license for plugins enhancing maps

Dates:

Will be announced: <https://www.gempa.de/events/>
Please contact us for your special date requests.

Location:

gempa GmbH, Heinrich-Mann-Allee 18/19,
D-14473 Potsdam, Germany.

Details and registration:

Find the details on your next trainings and register on our website: <https://www.gempa.de/events/>

Topics:

- Introduction to characteristics of SeisComP.
- Installation of the latest SeisComP release.
- Generation of station information with responses
- Real-time data acquisition, archiving, FDSNWS.
- Real-time data processing modules.
- Configuration by the new graphical user interface
- Data management utilities.
- Basic tuning for local earthquake monitoring: phase detector, locator and associator.
- Practical training focusing on real-time playbacks, off-line playbacks and hands-on tuning.
- Operation and customization of graphical modules.
- Application and tuning of magnitudes.

Participants may bring their own datasets and use it for tuning.

Participation:

The training is highly hands-on oriented. Trainees learn and practice actively at all times. The registration



Advanced Training for SeisComP – registration is open now

Advance and tune your SeisComP system for monitoring of local earthquakes

Scope:

This Advanced Course is perfect for experienced SeisComP users who wish to advance their SeisComP experience beyond standard applications and increase the productivity of SeisComP systems for monitoring of local earthquakes.

Dates:

Will be announced: <https://www.gempa.de/events/>
Please contact us for your special date requests.

Location:

Training room in our gempa offices:
gempa GmbH, Heinrich-Mann-Allee 18/19,
D-14473 Potsdam, Germany.

Details and registration:

Find the details on your next trainings and register on our website: <https://www.gempa.de/events/>

Topics:

- Tuning options of the standard SeisComP package with optional release upgrade.
- Configuration of new S-picker.
- scanloc for monitoring of local earthquakes.
- New S-picker with GUI for debugging and tuning.
- Tuning of scautopick for local earthquake monitoring.
- Optimization of scautoloc,
- Data analysis, playbacks and tuning.
- Further customizations: local velocity models, locator tools, magnitude configuration, on demand.
- Customized maps, layers and map projections.
- Individual system tuning: Participants may bring their own datasets and use it for tuning with us.
- Additional topics may be announced online.

Software packages provided:

- scanloc (cluster search based automatic local earthquake detection and localization module), license for 1 year, can be extended thereafter,
- Life-time QuakeLink license: system redundancy
- The high-performance S-picker plug-in (SAIC, SAIC-V),
- The graphical S-picker tuning and debugging GUI,
- Our map projections package.