

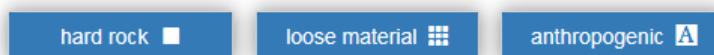
About SIP-Archiv *Everything you always wanted to know about SIP-Archiv*

SIP-Archiv (<https://www.SIP-Archiv.de>) is a web application that enables the participating institutions to manage rock physical data from the measurement methodology "Spectral Induced Polarization (SIP)" in a common repository. With the help of metadata, a search for samples and affiliated measurement data can be performed. The institutions can, on their own responsibility, release their measurement data for other institutions for download. The participating institutions belong (amongst others) to the working group "[Induced Polarization](#)" of the German Geophysical Society.

Current version of SIP-Archiv: 2.0 – 2018-11-06

New features:

- Distinction between the sample types "hard rock", "loose material" and "anthropogenic" (selection of the sample material when creating a new sample). Specific characteristics (metadata) are collected for the different materials.
- The lithotypes were grouped according to the three new sample types.
- In the standard and expert search, a new search filter "sample type" has been implemented.
- In the standard and expert search, the new search parameter "Raw density" has been added.
- In all lists (search result, summaries, watch lists), the samples are identified by a specific symbol according to their type:



- The method "Zeta" measurement has been added ("More results / data available").
- In the contact form, now a captcha must be specified to send a request.
- The password policy has been consolidated (at least 8 characters, uppercase letters, lowercase letters and numbers).
- If the password is changed, the old password must also be entered
- Uploading measurement data will now check the file type, executables will be blocked.

Version history:

• Version 1.2.5 – 2017-12-22

Fixed bugs:

- Management of the sample's publication references consolidated. When deleting a sample to publication assignment, it will actually be deleted now.
- The lithotype in the dialog for editing a sample now is displayed in the currently selected language.
- After entering incorrect data in the dialog for editing a sample, the publication list is now displayed correctly.

New features:

- E-mail notification on revised sample and measurement parameters implemented. If the order history is activated, an e-mail will be sent when the metadata of a measurement or a sample has been edited. It informs those users who have already downloaded the relevant measurement or who have already received a measurement belonging to the revised sample.
- Pressing the Enter key in the DOI input field of the dialog "Supply a Publication" triggers the DOI check.
- Updated preview screenshots

-
- Version 1.2.4 – 2017-11-10
New features:
 - E-mail notification on new measurements implemented. If the order history is activated, an e-mail will be sent when a new measurement has been added to a sample from which you have already downloaded measurements.
 - Version 1.2.3 – 2017-10-10
New features:
 - Search filter 'only FreeSIP measurements' implemented
 - e-mail for registration notification complemented (institute acronym in subject added)
 - Version 1.2.2 – 2017-09-19
New features:
 - FreeSIP measurements are marked with the FreeSIP icon next to the pen icon in edit mode for normal users (own measurement).
 - English translations have been consolidated
 - Version 1.2.1 – 2017-09-12
Fixed bugs:
 - Measurements without specifying electrode material and type are correctly saved after editing
 - Indication of the additional method MIP/MICP in user template is correctly saved and imported for sample parameters
 - Version 1.2 – 2017-09-11
New features:
 - Functionality for the FreeSIP-Agreement implemented
 - Version 1.1.2 – 2017-07-28
Fixed bugs:
 - Display of modal windows optimized
 - Version 1.1.1 – 2017-07-21
Fixed bugs:
 - Modal window for selection of publication optimized (jQuery-Load in page header)
 - Confirmation message after editing user data corrected (displaying user's language – Optval without 0-return).
New features:
 - Multilingualism in watch list completed (nil return on requested measurements).
 - Really all SIP-Archiv-emails completely personalized
 - Really all readings in SIP-Archiv are displayed bi-lingual
 - Selection lists formatted more ergonomically
 - Additional tooltips and popups integrated
 - Direct download delivers measurement data + metadata (Excel) in a ZIP archive
 - Version 1.1 – 2017-06-12
Fixed bugs:
 - Maximum length of file name of the measurement file limited to 64 characters, validation implemented
 - Improved error handling in case of incorrect input
 - Search filter 'only samples from round robin tests' correctly implemented
 - Operation to stop round robin tests correctly implemented
 - Deleting data in the template is accepted correctly without errors
 - Very small numbers (<0,001) are taken into account correctly during the search

- Replaced measurement file in the ZIP file does not provide an empty ZIP when downloading
- Generation of a measurement name takes account of deleted measurements (gaps are not filled, serial number is incremented)
- When entering the frequency range, a validation 'lower limit' < 'upper limit' was implemented, popup inserted for information on the rule

New features:

- All SIP-Archiv-emails completely personalized.
 - All readings in SIP-Archiv are displayed bi-lingual.
 - Template: Success and error message on saving a template is reformatted.
 - Template: Reset button for deleting all data in a template inserted.
 - Success message on importing a template re-formatted.
 - Selection list of the lithotypes more clearly arranged.
 - Round robin tests: In the table of measurements a button for creating a new measurement is inserted for each user; Warning of abuse inserted.
 - Round robin tests: a button for detail display of the sample is inserted in the confirm dialog.
 - Round robin tests: 'back' button in success message after creating a measurement leads back to the tab 'Round robin tests' in the summaries window.
 - A tooltip for displaying the name of the institution was inserted in the sample list and the request list for the institution code.
 - Sample: As long as no measurement is available for a sample, the user who has created the sample may make changes to the sample metadata.
 - The selection lists "Institution", "Electrode type", "Electrode material" and "Saturation fluid" are sorted alphabetically in ascending order.
 - Comfortable date input via datepicker implemented.
 - On the salutation page, after successful login, a distinction is made between inactive accounts and new accounts (registration requests) under 'Registrations'.
 - The citation rule was specified in the terms of use
 - When directly downloading a measurement, the measurement file and an Excel sheet with the parameters of the measurement and associated sample are delivered in a ZIP file.
- Version 1.0.1 – 2017-03-17
 - Fixed bugs:
 - Input validations for numeric and date values were inserted into search dialogs.
 - New features:
 - Download area extended.
 - User template extended by type of geometry.
 - Small layout adjustments made.
 - Multilingualism for date data complemented.
 - Version 1.0 – 2017-02-17: Productive operation for the first 3 institutions - now it's really exciting ...
 - Version 0.9 – 2016-10-30: last subtleties - the e-mail delivery works
 - Version 0.7 – 2016-09-06: Beta test for selected participants in Hannover
 - Version 0.6 – Alpha test version on the Internet für IP2016 - 6-8 June, Aarhus, Denmark
 - Version 0.5: Search works :-)
 - Version 0.4: New layout for the main menu, more functions live
 - Version 0.3: Register, insert sample, insert measurement works
 - Version 0.2: It moves more, new layout of the home page
 - Version 0.1: Something moves

Tools and infrastructure

- SIP-Archiv uses JavaScript and cookies without storing or sharing your data (see Privacy Policy)

-
- PHP (PHP: Hypertext Preprocessor)
 - CodeIgniter (<https://codeigniter.com>)
 - Bootstrap (www.getbootstrap.com)
 - Bootstrap-Glyphicons by Jan Kovarik (<http://glyphicons.com/>)
 - Bootstrap Filestyle by Markus Lima (<http://markusslima.github.io/bootstrap-filestyle/>)
 - Bootstrap Datepicker by eternicode (<http://bootstrap-datepicker.readthedocs.io/en/v1.6.4/>)
 - Microsoft SQL-Server 2014
 - LIAG servers and computing center of BGR

Development team

- Jens Gramenz
- Iakov Bolotovski
- Klaus Krause
- Lothar Gorling: Beratung
- Matthias Halisch: Idee und Auftraggeber