

SSHADE Users Newsletter - 2021-01

Dear SSHADE users,

Below is the **first of a series of SSHADE User newsletters**.

- You receive it as you are a registered user of SSHADE (www.sshade.eu). If you do not want to receive them, please send me just a mail (bernard.schmitt@univ-grenoble-alpes.fr) with subject 'unsubscribe Newsletter'.

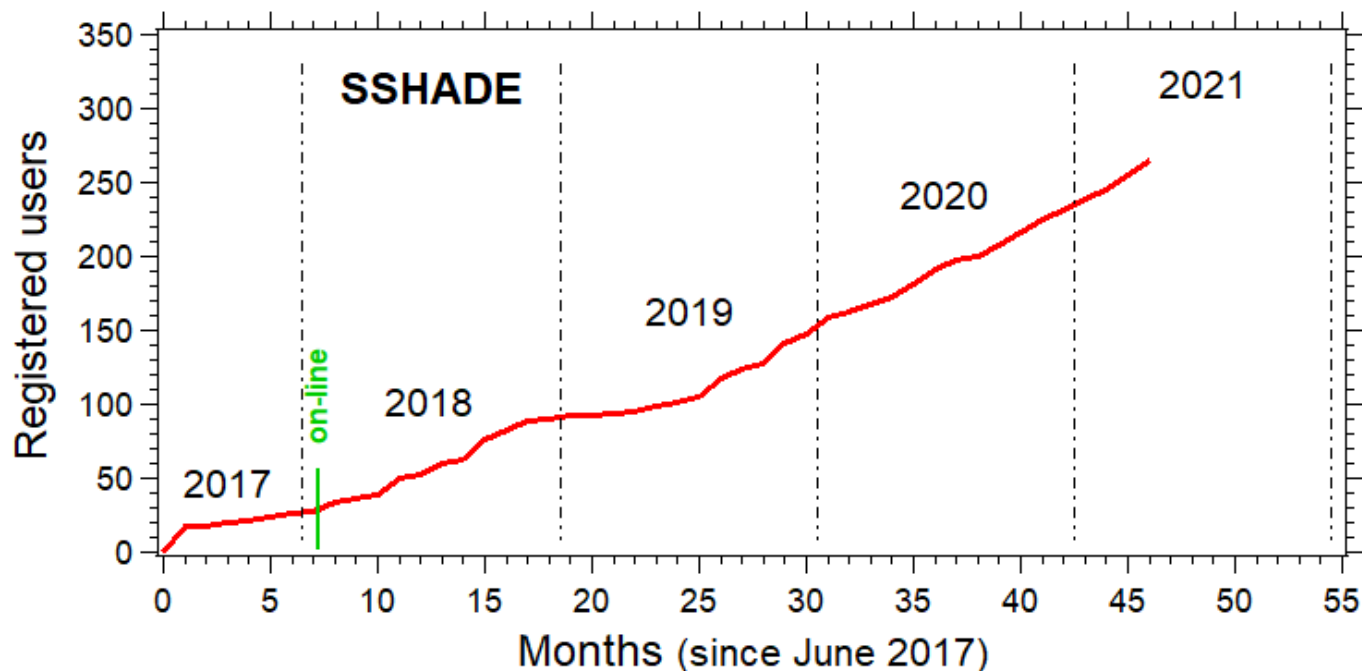
- The Newsletters will give you informed **every months** on the evolution of the SSHADE solid database infrastructure and its databases. It will provide you with information and tips on SSHADE search/visualization /export interface, as well as on the new data.

- This first one will give you a **few general info on SSHADE user community, databases and data**, as well as starting with a couple of **search tips**.

All user newsletters will be stored in the dedicated ['News' page](#) of the SSHADE Wiki

The user community

- The SSHADE user community and its activity enlarges rapidly. There is now 265 registered users (including ~40 database managers) with a steady increase of **90 new users per year** in 2020.



- The amount of data downloaded by the users also increased strongly in the last 2 years.

The databases and the partners

- There is now **18 active databases** in SSHADE (with public data) and **5 are starting** thanks to the Europlanet-2024 RI program. Six others are planned to start in the coming 12 months.

- Behind these databases there are more than **30 partner teams in 16 different countries** working on experimental spectroscopic data on solids.

- You can learn more about the different partners and databases (who are behind, which labs, which type of data they (will) provide, ...) by visiting the ['database page'](#) @ SSHADE Wiki.

The data

- There is currently about **4300 spectra** of **more than 2000 solid samples** (ices, minerals, rocks, meteorites, ...) in SSHADE, 3760 of them being already freely accessible, the other ~500 are waiting publication of the associated paper to be released.

- An average of **120 new spectra** are released **each month**. So don't hesitate to search again your favorite samples or data types.

- When you use spectra from SSHADE databases in your publication please **use the 'data reference' of the experiment** (with its DOI, when exist), and acknowledge SSHADE using the reference given in the [entry page](#) ('How to cite SSHADE').

The interface

Twitter

- a SSHADE Twitter ([sshade.eu](#)) has been set up. It automatically sends a tweet (with direct link to the data) when a new experiment is made 'publicly' available. The last tweet is visible on the entry page of SSHADE and the last 5 can be browsed. We may also provide some short news by this way.

Search

- as the amount of data in SSHADE is rapidly increasing an efficient data search is necessary. SSHADE provides two complementary tools: **a search bar and a set of filters**. In this topic we will regularly give tips for better searching data:

- In the **'search bar'** do not hesitate to add a **wildcard '*'** at the end (or start) of some words when several variants are possible.

ex: 'chondit*' will search 'chondrite', 'chondrites', 'chondritic', ...

- if you just want to **search your favorite database** (DB) you can either do:

1. filter your DBs using the "Owner / Database acronym" filter in the 'By experiment tab'. You can select it (or more) by browsing the list, or search it with the tool that appear when you click on the empty line.
2. on the SSHADE entry page click on the logo of your favorite DB and then search only their data. In fact, this will just add a 'database filter' for this DB (be care, if you 'reset all filters' it will also reset the 'DB acronym').

Contact

- If you have questions on SSHADE or if you want us to deal with a specific topic in this Newsletter then do not hesitate to use the SSHADE contact mail : contact@sshade.eu

Some of the future subjects :

- Data on meteorites in SSHADE
- How to best use the data reference and its DOI
- Focus on specific databases
- More tips on 'search'
- Tips on the dynamic visualization tool
- How to customize your data export

- Publications search and their links
- The future "Band list of solids database"
- ...

Bernard Schmitt and the SSHADE team

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Visit the [SSHADE \(www.sshade.eu\)](http://www.sshade.eu) solid spectroscopy database infrastructure !

Apply for an experiment at [CSS \(https://cold-spectro.sshade.eu/\)](https://cold-spectro.sshade.eu/), the Cold Surface Spectroscopy facility !