

SSHADe partners newsletter - 2021_01

Dear SSHADe partners,

Below is the first of a new series of partners newsletters. This one is focused on people involved in SSHADe: the core team, the partners and the users.

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

SSHADe Team and its main activity

- The first (good/bad) news is that **Philippe Bollard**, who worked since 2009 on the development of the initial GhoSST database and then led the development of the SSHADe database infrastructure, has obtained a stable position in the [RESIF service](#) (the international seismology and geodesy network of our Observatory). He therefore left the SSHADe team last November after having achieved a tremendous work to set up a powerful and efficient SSHADe database infrastructure. Congratulations a very big thank you to him!!!

- He will be replaced in September by **Sonia Guerrin-Hamdi**, a database engineer from a CNRS laboratory in Human Sciences.

- During this transitional period **Damien Albert** has taken responsibility for the development of SSHADe with an increased involvement. In particular he has been working for the last 8 months on the development of a very nice visualization interface for the band list database, which has also improved the current spectra visualization interface (more on this topic latter). He is now working on a major upgrade of all software and code components.

- **Manon Furrer**, a young database engineer, was hired last September (for one year) to develop the band list database. She has done a tremendous work which has enabled us to get a good prototype of the band list database and import tool as well as its search and view interfaces (more on this database latter). She is now on maternity leave.

- For my part (**Bernard Schmitt**) I have been working for the last 9 months on the development of the data model of the band list database (SSDM-BL), on the definition of the interfaces and on the testing of the different functions (import, search, visualization, ...). I also trained the database managers of 3 new partners (+3 others planned by the summer) and supported the data providers who imported data (fundamental data, ...).

- **Lydie Bonal** and **Olivier Poch** also prepared some of the fundamental data and provided comments and advice on the current new datamodel and interfaces to improve them.

- An external 'open source' developer, **Maria Gorbacheva**, is also developing a number of tools to help the SSHADe team and the data providers prepare some of the SSHADe import xml files. She is also developing several spectral tools of general interest to spectroscopists (more on all this latter).

Partners

New partners

- there are **8 new partners** in the SSHADe consortium, through the Europlanet-2024 RI program

- Astrophysics Laboratory (Univ. Salento), Lecce, Italy
- Astrophysical Scattering and Spectroscopy Laboratory (Univ. Helsinki) Finland
- Centre de Recherche Pétrographiques et Géochimiques (CNRS / Univ. Lorraine), Nancy, France
- Centre for Terrestrial and Planetary Exploration (Univ. Winnipeg), Canada
- Laboratório de Astroquímica e Astrobiologia UNIVAP university (LASA), São Paulo
- Planetary Sciences and Astrobiology (NTUA), Athens, Greece (phasma database)
- Planetary Science Institute (LPRS), Wuhan, China
- Space Geodesy Group Finnish Geospatial Research Institute (FGI), Masala, Finland

We also have a **new partner** in the field of physico-chemical archaeology:

- EDYTEM (Univ. Savoie-Mont-Blanc), Chambéry, France (PIG database)

You can find who are the people involved in each new database and the topic of their laboratory research in the [list of partners and databases](#) which has been updated

There is now also an [interactive map of partners and databases](#) on the SSHAE Wiki with associated information.

=> Please check if there is an error in the associated text. If you provide us a more accurate location of your lab we will upgrade it.

Meetings and trainings

We had an online **1st SSHAE meeting of the Europlanet-2024 program** with all the managers and some providers of the new partner databases. My presentation is available on the dedicated [SSHAE 'meetings presentations' Wiki page](#).

The managers and some providers of 3 the partner have been already trained:

- CRPG, Nancy, France (Mirabelle database)
- NTUA, Athens, Greece (phasma database)
- Univ. Winnipeg, Canada (CHIPS database)

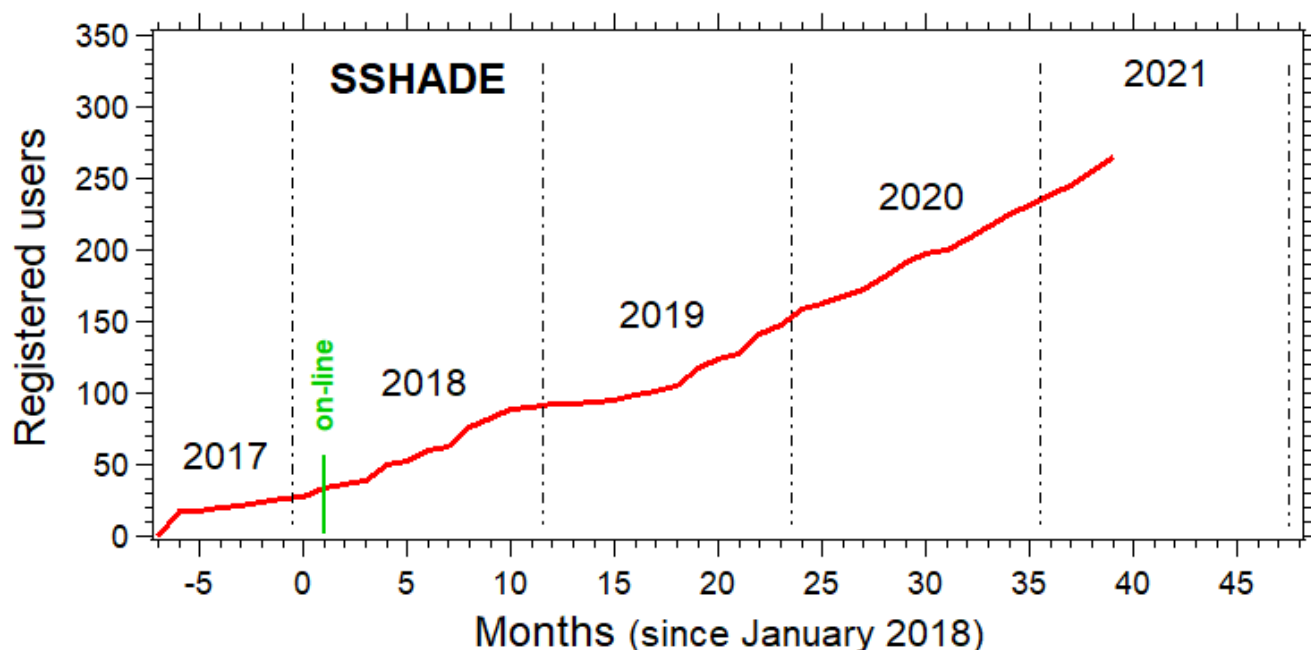
The managers of 3 others partners will be trained before summer:

- Univ. Salento, Lecce, Italy
- LPRS, Wuhan, China
- UH-ApS, Helsinki, Finland

All meeting and training were conducted on-line due to the Covid-19 situation.
Two of the new partner databases (PIG, CHIPS) already have public data online.

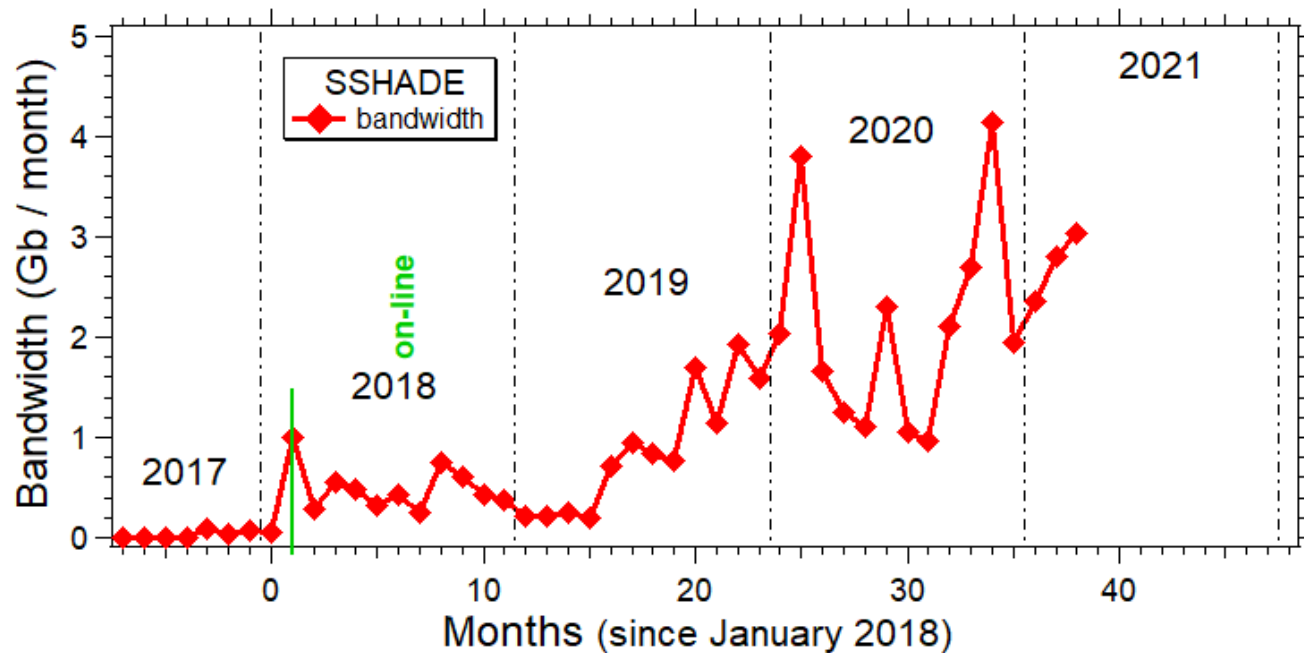
Users

- The SSHAE user community enlarges rapidly. It is now **265 registered users** (including ~40 database managers) with a steady **increase of about 90 per year** in 2020.

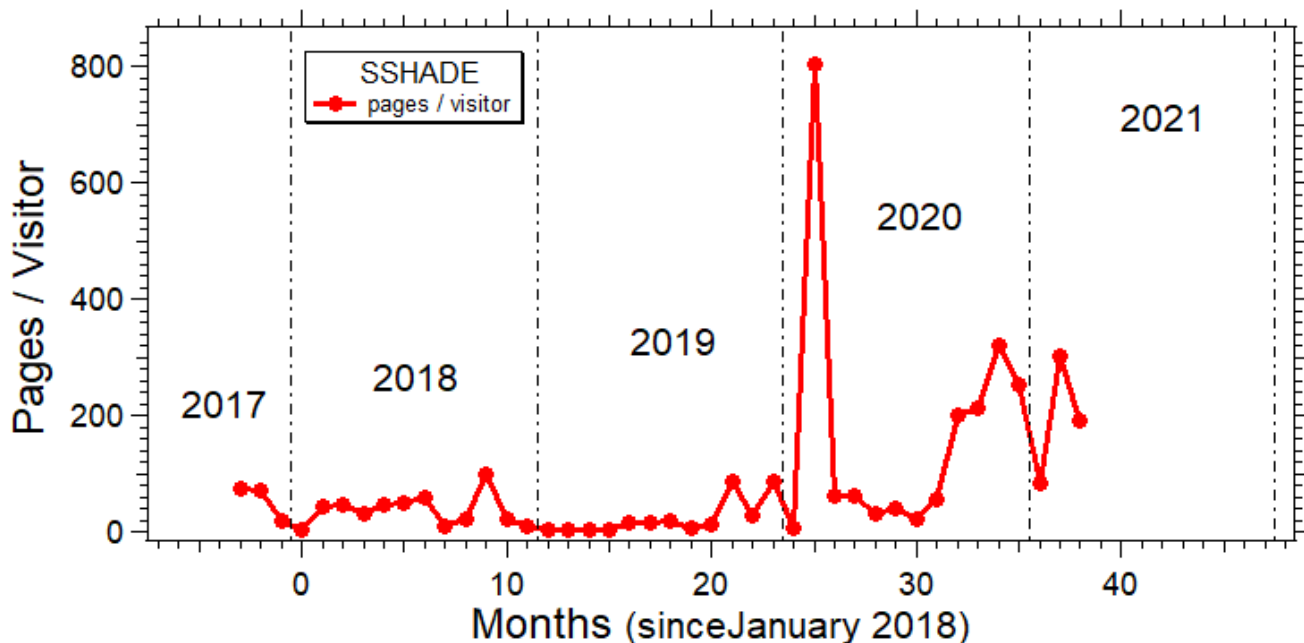


- The **amount of data downloaded also increased strongly** in the last 2 years. It is linked with the amount of

data in SSHADE but also to the flux of new imported data (more on this topic latter).



- The **number of pages viewed per visitor** (from awstat monitoring) **also increased strongly since last september** showing that a number of users start to use SSHADE regularly.



Some of the future subjects:

- what new in the SSHADE provider interfaces ?
- what new in the SSHADE user interfaces ?
- activity of the partner databases and the SSHADE data
- the DOI in SSHADE
- provider tools to generate xml
- spectroscopic tools
- SSHADE outreach
- the future 'band list of solids' database

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Scientific manager of GhoSST@SSHADE database

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