



Astronomical spectroscopy
for research, industry, education and leisure.

Newsletter 2021 #1

Lots of things are happening in 2021! There are many opportunities to do spectroscopy and talk about it. In this newsletter, we talk about two new instruments which are as many promises (UVEX and Sol'Ex), about data processing with Python workshops which may be fascinating, about the TimeBox which is in the spotlight in an key article published in the reference review of "occultists" There is something for everyone! I wish you a good reading.

Kind regards,

François Cochard, February 2 sd 2021

UVEX : pre-series

The first 16 [UVEX by Shelyak](#) will be sent to subscribers early February 2021.

An [online workshop](#) was held on January 27th to show the technical characteristics and operation of this spectrograph and the associated version of Demetra.

UVEX will be available as standard on our website next May 2021.



Pre-order an UVEX

Sol'ex project

The Sol'Ex project was initiated by **Christian Buil**. It's a DIY spectroheliograph full of resources, made with 3D printing.

All the details of the projects on the [author's website](#). (website in French only at this time)

Shelyak Instruments supports this project by offering an optical kit bringing together all the optical elements necessary for its realization (1 grating, 1 slit, 2 doublets).

You can find the video of the Sol'Ex online workshop (in french) which took place few days ago [here](#).



Order the Sol'Ex optical kit

Time Box

The TimeBox allows ultra-precise dating of your images, in particular for star occultations. It is the subject of an in-depth article in the journal "**Journal for Occultation Astronomy**" (volume 11, N ° 1) by Cesar Valencia Gallardo, Dave Gault, Thierry Midavaine and Hristo Pavlov.

The article can be viewed [here](#).



Discover the Time Box

Online Workshops

Python workshops in
astronomy &



spectroscopy

By **Matthieu Le Lain** and **Vincent Lecocq**

Workshop in English only 

Do you dream of writing your own scripts in Python, or do you want to discover Python tools adapted to astronomy and spectroscopy? A series of 3 online workshops on the Python language will take place at the following dates :

- **#1 : Friday February 19th at 20H UTC**

Python Libraries for astro and spectro

- **#2 : Friday March 12th at 20H UTC**

Python Environment : First steps

- **#3 : Friday April 2nd at 20H UTC**

Achievements astro with Python

To register

All web online workshops are free.

When registering, please **indicate your e-mail** and not your name. (to give you the link to the video conference).

Caution, each conference is **limited to 100 people**.

On the following link, you can register for one or more workshops (**check the box of the workshop you want**).

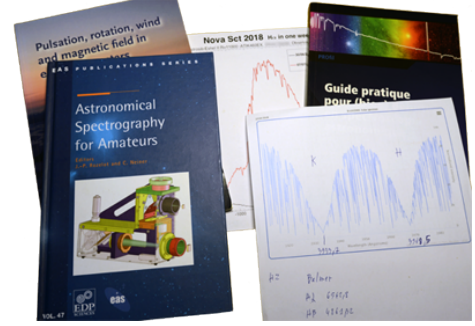
A link is sent to each participant to follow the workshop taking place via the zoom video conferencing site. You can test your browser before the conference with the plug-in that will be downloaded automatically for your browser.

[Register for workshops](#)

Our papers about

spectroscopy

Shelyak Instrument regularly carries out papers on spectroscopy, on the use of our instruments as well as reports of observations.



Some our last papers :

- [Spectroscopic observations on Beta Persi \(Algol\)](#)
- [Creating an image via spectral scans](#)
- [UVEX by Shelyak : first light](#)

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