To our spectroscopic friends

We are pleased to present the new Shelyak Instruments website (URL remains unchanged):

www.shelyak.com

With this new site, we have several goals:

First of all, we'd like to provide you with more information about our instruments, to help you better understand the options available to you, right from your first questions.

Secondly, we're simplifying the organization of our products, with an "Initiation" range for those of you who are just starting out, and a "Performance" range for those who want to get the most out of their installation.
Finally, we'd like to "refresh" our communication. If you pay close attention, you'll see that the Shelyak logo (to which we're very attached, and I know you are too) is getting a facelift. We're also adopting a new, more invigorating graphic charter, which looks very much like the Shelyak of today.

A practical detail: if you had an account on the old Shelyak site, your login details will remain valid on the new site.

And that's not all! Below are a few new features that are sure to catch your eye.

As always, I'm counting on you to pass on this information to your own networks: it's you who enable us to develop astronomical spectroscopy.

Best regards,

François Cochard
September 2023

NEW in the Shelyak Instruments range

A high-voltage power supply

It's a blessing in disguise! Supply difficulties with the high-voltage power supplies we use for calibration lamps led us to design our own power supply. Then it perfectly suits to the needs of spectroscopists (and potentially other fields), both for Thorium-Argon lamps (for the eShel and Whoppshel) and for small, commonly-used gas lamps (Neon, Argon-Neon, etc.).

All about High Voltage power supply

The STAROS database

Would you like to take part in a coordinated collective spectroscopic observation? The STAROS project is for you! Contribute with your your spectra to the STAROS database.

STAROS Projects

Single Tracking Astronomical Repository for Open Spectroscopy

STAROS project

Two new campaigns

Two new ones have recently been launched, and will run for a few

LThe staros project consists in carrying out spectral measurement campaigns on specific objects. The first campaign focused on alp Dra, and is now complete. The results of these observations can be found here.

more weeks. Time to observe:

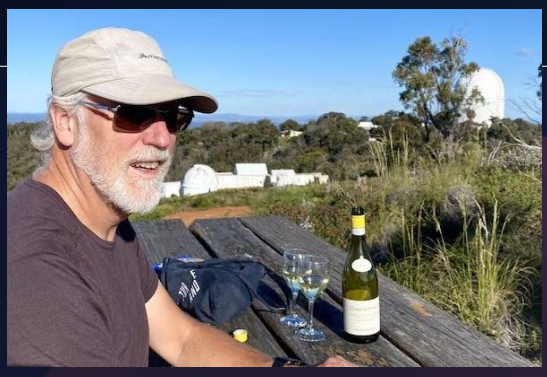
• alf Cyg (Deneb) in high resolution. This super giant shows rapid changes in its gaseous envelope.

• 10 Lacertae in low resolution. This 09V-type star is very hot and makes a good reference star for instrumental response.

Participate in the STAROS project

New testimonials

There's nothing like letting those involved in spectroscopy have their say about the discipline. Here you'll find two new articles that reflect the diversity and commitment of the spectroscopy community.



April 2023

Spectro UVEX used remotely

Peter Velez is a very active Australian amateur astronomer. Here he explains how he uses his UVEX... 600km away from home.

August 2023

A look back at the OHP 2023 Spectro Course

As in previous years, the OHP 2023 Spectro course was a great event, where beginners and experienced observers met in a studious yet friendly atmosphere. The story is illustrated by Pierre Aim, who took part in the course for the first time.

Latest articles

Nova Sco 2023

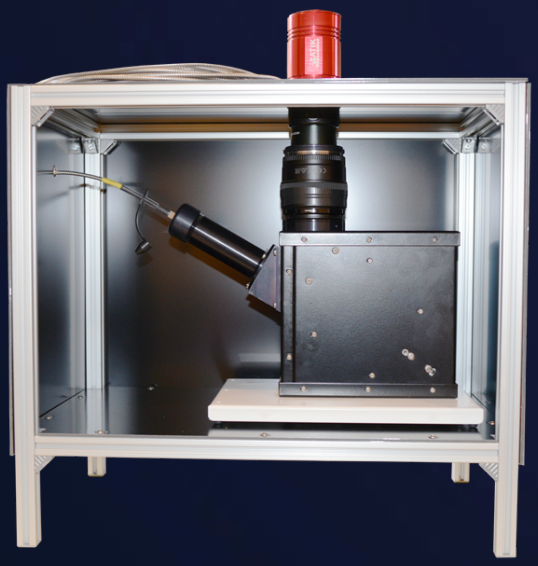
See the magazine (French)

The nova Sco 2023 appeared in the sky on April 20, 2023, and on this occasion an amateur team (2SPOT) was able

to produce the very first spectrum with an eShel spectrograph, enabling the IAU to classify this nova and give it a definitive name: V1716 Sco.

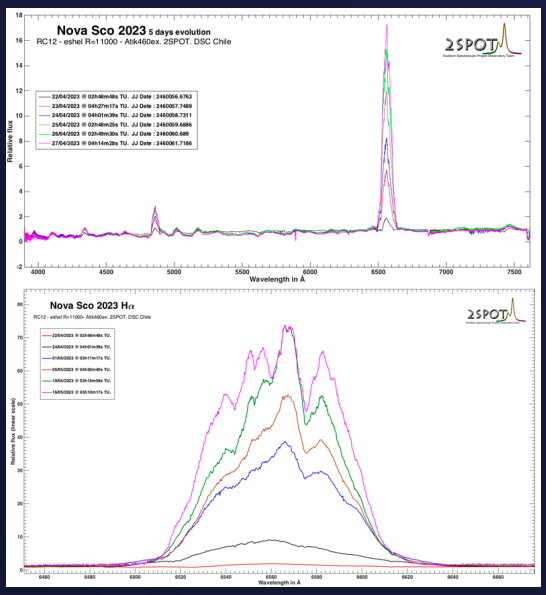
A 3-page article in the July/August 2023 issue of Astronomie magazine (french only) is devoted to this adventure.

3 ATel and one UAI circular have been drafted to date: #16004, #16006, #16036, CBET#5245.



The eShel spectrograph

The eShel spectrograph lends itself particularly well to remote control, as is the case here in this measurement campaign, where the spectrograph is in Chile, but controlled by the 2SPOT team from France.

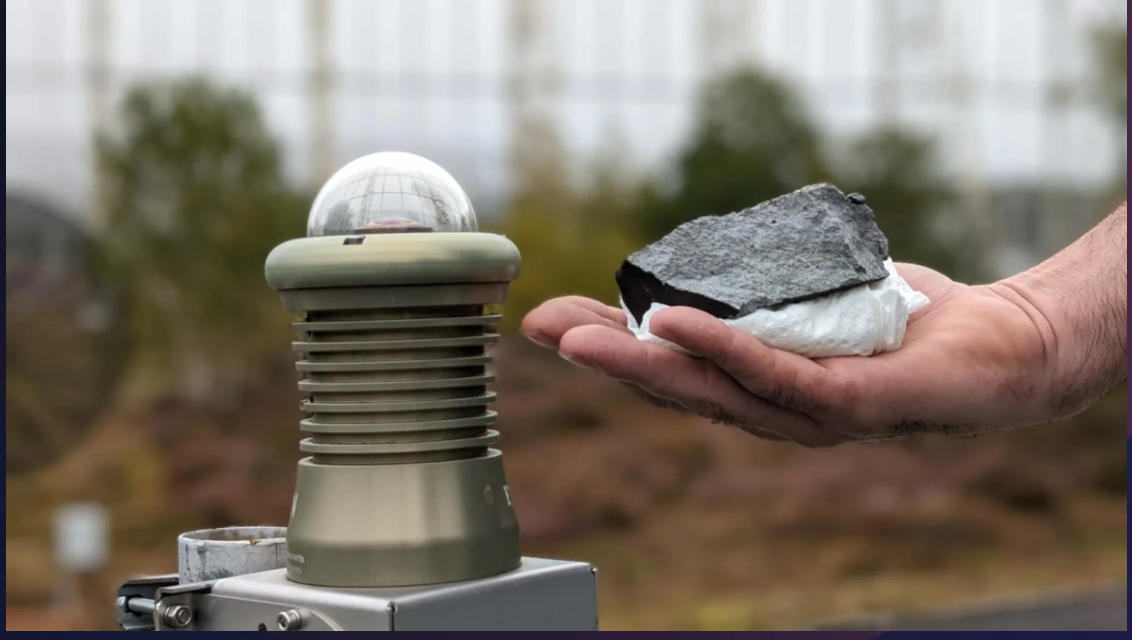


Spectrum evolution

The spectrum of a Nova evolves day by day, and we need to be able to track it daily. With a magnitude close to 7 when it first appears, we can produce a high-resolution spectrum at R=11000.

Learn more about the eShel spectro

A new meteorite found thanks to the Fripon project



The Fripon project, run jointly by Paris Observatory and the Museum National d'Histoire Naturelle (MNHN), constantly observes the sky to detect any bolides that pass through the atmosphere (shooting stars). The ultimate goal is to find meteorites on the ground, having calculated their trajectory in the sky. This is what has just happened, with a meteorite that fell on September 10 in the Cher region, and was found a few days later.

What does this have to do with Shelyak Instruments? It's very simple: since the project began in 2016, we've been supplying the cameras installed all over France and Europe; and we're very proud to be part of this wonderful project, which is helping us to better understand the history of the solar system.

Find out more about this discovery

Receive our Newsletter directly

The Shelyak Instruments newsletter is our main communication channel. If you'd like to be kept up to date with news, events and community activities, please subscribe. Our intention is to distribute only useful and relevant information - the world is already noisy enough without adding noise to the noise.

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