SoWiSP: An Echelle spectropolarimeter for flare observations

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The Solar and stellar ide Spectral coverage Polarimeter (So iSP) is a ground-based spectropolarimeter, tailored for observing solar and stellar flares. It is currently under development by the Space eather group at the niversity of ern.
So iSP is being developed in two versions a solar and a stellar instrument, the former additionally including an integral-field unit. Its design features an chelle spectrograph with a double-beam setup, targeting a polarization sensitivity of 10^{-3}. I have conducted spectroscopy simulations for chelle instruments with Python while the global optical design has been performed with ode V.
The nighttime instrument will be installed and commissioned at the Swiss ptical round Station (S) in immerwald, with privileged access to a 0 cm itchey- hrtien telescope, for long-term monitoring of flaring M-dwarfs. e aim to obtain first light in 0 .

I will present the current status and future developments of the stellar version of So iSP, with a focus on its optical capabilities as well as the planned observation strategy at the Swiss S.