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**dr. Maruša Žerjal**

(Fakulteta za matematiko in fiziko, Univerza v Ljubljani) imela predavanje z naslovom "

***Detection of young stars in large spectroscopic surveys***

". Vljudno vabljeni!

## **Detection of young stars in large spectroscopic surveys**

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Stellar magnetic activity is a suitable age estimator for young solar-like stars. It manifests itself in a wide range of excess emission intensities in the strongest spectral lines. Today, in the era of large spectroscopic surveys, it is possible to identify a substantial number of young stars in the Solar neighborhood using efficient unsupervised classification algorithms. I will present a very large catalog of young stars in the RAVE survey and discuss the Galah and FunnelWeb surveys that hold a huge potential not only for the reconstruction of a recent nearby star formation events but also for the studies of young exoplanets and their environments around the nearest stars.