



[Astronomska skupina na FMF](#) vabi v **ponedeljek, 25. novembra 2019, ob 12. uri** na Astrodebato z naslovom

4MOST - opportunities and challenges

, ki jo bo imel

dr. Gregor Traven

(Lund University, Švedska). Predavanje bo v

predavalnici F6

v stavbi na Jadranski 19,

[Fakulteta za matematiko in fiziko](#)

, Univerza v Ljubljani. Vljudno vabljeni!

4MOST - opportunities and challenges

dr. Gregor Traven (Lund University, Švedska)

One of the future large-scale spectroscopic surveys of the sky - 4MOST - is scheduled to begin observations in 2022. The project combines very diverse scientific interests and thus heralds an era where thousands of stars and galaxies can be observed simultaneously in a single exposure, which is a necessity if we want to make the best possible use of the capabilities brought about by the high fibre multiplex designs. This, however, also poses a great challenge for optimisation of the observational strategy. I will give a brief overview of the 4MOST project with the focus on algorithms for the aforementioned optimisation, while also mentioning other activities in 4MOST that I participate in, and describing how you can join the project with your own science case as one of the Community sub-surveys.