## Abstract Submitted for the DAMOP15 Meeting of The American Physical Society

ELI-ALPS — Prospects of doing attosecond physics at world's first laser-driven user facility PREDRAG RANITOVIC, ELI-ALPS, ELI-Hu Nkft, Dugonics ter 13, Szeged H6720, Hungary, ELI-ALPS, HUNGARY TEAM — ELI-ALPS, a laser-driven attosecond X-Ray user facility, would provide a wide range of state-of-the-art laser and attosecond light sources, and experimental endstations that would serve a broad network of user communities covering fields such as AMO Physics, Condensed Matter Physics, Materials Sciences, and Physical Chemistry. In this talk, we will present the scientific roadmap of ELI-ALPS, and give an overview of the laser and attoscond pulse specs, and endstations made available for users in near future. In particular, we will discuss the opportunities for doing AMO physics by utilizing a wide range of attosecond experimental techniques and brilliant, energetic and high-flux light-sources.

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