

Lessons for the Future from High-Resolution Surveys

Monday, June 10, 2019 3:00 PM (20 minutes)

High-resolution spectroscopy traditionally has been one of the first fields in which the standardization of the data and the implementation of an end-to-end concept of the instrumentation has taken place. The HIRES @ Keck and UVES and, more recently, ESPRESSO @ VLT are paramount recent examples in this sense (e.g. KODIAK, Popler).

This overview talk will try to extract the lessons derived from the past experience, with particular attention to the software requirements, including instrument simulators, data reduction and analysis, and their importance in the conception of new instruments, planning of surveys and their scientific exploitation, emphasizing the role of automatic tools and the dissemination of the science data products

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Session Classification: Requirements and needs from current and future Spectroscopic Surveys