

**ID 157**

**Tipo de Comunicación:** Poster

**Sesión Científica:** La via lactea y sus componentes

**Título:** The intermediate and old age Open Clusters science case for high-resolution spectroscopy

**Nombre (Autor que presenta):** Carme

**Apellidos (Autor que presenta):** Jordi

**Apellidos y nombre de los autores:** Carrera, Ricardo; Balaguer-Núñez, Lola; Casamiquela, L.; et al

**Resumen:**

Open Clusters (OCs) are key objects for studying the formation and evolution of the Galactic disk. OCs are targets in on-going large spectroscopic surveys like Gaia-ESO and “Open Clusters Chemical Abundances determination from Spanish Observatories survey (OCCASO)” surveys. We will discuss the science case of the intermediate and old OCs for WEAVE, the target selection and the limitations. The extension to 4MOST and MOONS will be addressed. Additionally, the impact of the discovery of new clusters by the Gaia space mission will be discussed.