



# XIV Torino Workshop on AGB stars

## Monday 10 June 2024

### AGB structure, evolution and nucleosynthesis - Sala Gratton (09:00 - 16:30)

time	[id] title	presenter
09:40	[10] The effects of induced magnetic mixing in AGB stars.	CRISTALLO, Sergio
10:00	[47] Stellar evolution and nucleosynthesis in 3D hydrodynamic models of stars	RIZZUTI, Federico
10:20	[17] Evolution and final fate of stars in the transition between AGB and Massive Stars	ROBERTI, Lorenzo
10:40	Coffee break	
11:30	[51] The Role of the Third Dredge-up and Mass Loss in Shaping the Initial–Final Mass Relation of White Dwarfs	ADDARI, Francesco
11:50	[74] The initial-final mass relation from carbon stars in open clusters	ABIA, Carlos
12:10	[16] The intermediate neutron capture process in AGB stars	CHOPLIN, Arthur
12:30	[54] Exploring nucleosynthetic processes in a large sample of Barium stars using high resolution spectra	CSEH, Borbála
12:50	Lunch	
14:30	[32] S-Process Nucleosynthesis in and from AGB Stars	DIMOFF, Alexander
14:50	[22] The impact of nuclear parameter and models uncertainties on the i-process nucleosynthesis in early AGB stars	MARTINET, Sébastien
15:10	[24] From the s-process to the i-process: A new perspective on the chemical enrichment of extrinsic stars	Dr VAN ECK, Sophie
15:30	[66] Barium stars: Systematic deviations from the AGB models	VILÁGOS, Blanka
15:50	Coffee break	