

The 13th Torino Workshop on AGB stars & the 3rd Perugia Workshop on Nuclear Astrophysics

Wednesday, 22 June 2022

Dust and presolar grains (09:00 - 10:40)

-Conveners: Maria Lugaro

time	[id] title	presenter
09:00	[57] Light and Heavy-element Isotopic Compositions of Presolar SiC Grains from Low-mass AGB Stars (R)	LIU, Nan
09:25	[56] CHILI: What's next?	DAVIS, Andrew M.
09:50	[52] Molybdenum, ruthenium, and barium isotopes in presolar silicon carbide and graphite	STEPHAN, Thomas
10:15	[32] The $^{26}\text{Al}/^{27}\text{Al}$ isotopic ratio in stellar grains and the stars of the asymptotic giant branch	SOÓS, Benjámín

Dust and presolar grains (11:10 - 12:50)

-Conveners: Maria Lugaro

time	[id] title	presenter
11:10	[26] Dust production around carbon-rich stars: the role of metallicity	NANNI, Ambra
11:35	[42] How a stellar companion influences the dust-gas chemistry within AGB outflows and beyond (R)	VAN DE SANDE, Marie
12:00	[46] Are the extremely red asymptotic giant branch stars hiding a close companion?	DELL'AGLI, Flavia
12:25	[50] Studying the Post-AGB stars in Magellanic Clouds as a probe for dust production and mass-loss mechanisms	TOSI, Silvia

Dust and presolar grains (14:55 - 17:00)

time	[id] title	presenter
14:55	[14] Mixed metal oxides as primary dust condensates	GOBRECHT, David
15:20	[5] The stellar sources of presolar silicates revisited - New insights from magnesium isotopic compositions	HOPPE, Peter
15:45	[19] Dust Changes in Sakurai's Object: PAHs, SiC and carbonates (not melilites)	BOWEY, Janet
16:10	[69] Flecks of extraterrestrial dust, all over the roof - The story of their cosmic makeup (R)	DECIN, Leen
16:35	[13] Production of light trans-Fe elements in neutrino-driven winds of core-collapse supernovae: Implications from presolar SiC-X grains	Prof. KRATZ, Karl-Ludwig