



# Ages<sup>2</sup>: taking stellar ages to the next power

## Thursday, September 21, 2017

### Evolved stars and the connection to Galactic archaeology (9:00 AM - 1:30 PM)

time	[id] title	presenter
9:00 AM	[118] Three questions about the ages of evolved stars	HEKKER, Saskia
9:15 AM	[119] How well can we determine ages from asteroseismology for giants?	SILVA AGUIRRE, Victor
9:45 AM	[120] How old are the different components of the Galaxy and over what timespan did they form?	CHIAPPINI, Cristina
10:15 AM	poster viewing and refreshments	
10:45 AM	[89] Can we really use chemical properties of red-giant stars as age indicators ?	LAGARDE, Nadège
11:00 AM	[23] Testing asteroseismic ages of red giants in open clusters with isochrones	THEMESSL, Nathalie
11:15 AM	[53] Stellar ages for galactic archaeology with K2 and TESS	STELLO, Dennis
11:30 AM	[105] Star formation histories of dwarf galaxies in the local Universe	TOSI, Monica
12:00 PM	[122] Ages and the Assembly of the Milky Way	CONROY, Charlie
12:30 PM	[3] Rediscovering the Milky Way formation history with Gaia white dwarfs	TREMBLAY, Pier-Emmanuel
1:00 PM	[70] Terzan 5: a site of recent star formation in the Galactic Bulge	DALESSANDRO, Emanuele

### Evolved stars and the connection to Galactic archaeology (4:00 PM - 7:30 PM)

time	[id] title	presenter
4:00 PM	[43] Temporal evolution of the elements in the context of GALAH: method description and preliminary results	LIN, Jane
4:15 PM	[79] Determining ages of asteroseismic targets: going beyond the use of scaling relations	BOSSINI, Diego
4:30 PM	[73] Using asteroseismology to calibrate spectroscopic ages for giants	PINSONNEAULT, Marc
4:45 PM	[121] Constraints on models from the combined Gaia/ESO and Gaia surveys	RANDICH, Sofia
5:15 PM	[123] Alternative Stellar Evolutionary Paths in Open Star Clusters: Stars Whose Ages Aren't What They Seem	MATHIEU, Robert
5:45 PM	coffee	
6:15 PM	[4] Improved white dwarf cooling ages using asteroseismology and eclipsing binaries	HERMES, JJ
6:30 PM	[92] Refining stellar evolution with the time-implicit hydrodynamic code MUSIC	CONSTANTINO, Thomas
6:45 PM	[61] Improving stellar models with 3D atmospheres	MOSUMGAARD, Jakob
7:00 PM	[93] Convective Core Overshooting and Ages: Probabilistic Constraints from Color–Magnitude Diagrams of LMC Clusters	GIRARDI, Leo

7:15 PM	[15] High-precision binary parameters for calibrating stellar evolutionary models.	KIRKBY-KENT, Jessica
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