

Session Program

Jun 19 - 24, 2022



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

Stellar Evolution

Tue, June 21

9:00 AM

Stellar Evolution

Session | Location: Perugia, Italy | Convener: Inma DOMINGUEZ

9:00 – 9:25 AM

The initial-final mass relation of white dwarfs: breaking a paradigm, causes and consequences

Speaker

Paola MARIGO

9:25 – 9:50 AM

The role of AGB stars in stellar population models (R)

Speaker

Kristiina VERRO

9:50 – 10:15 AM

AGB Stars in Globular Clusters

Speaker

Tahereh RAMEZANI

10:15 – 10:40 AM

Numerical methods for AGB evolution

Speaker

Francesco ADDARI

10:40 AM

11:10 AM

Stellar Evolution

Session | Location: Perugia, Italy | Convener: Inma DOMINGUEZ

11:10 – 11:35 AM

Dissection of post-AGB binaries

Speaker

Hans VAN WINCKEL

11:35 AM – 12:00 PM

Shaping of AGB outflows by wind-companion interactions in eccentric binary and hierarchical triple systems

Speaker

Jolien MALFAIT

12:00 – 12:25 PM

A Grid of Binary AGB Stars

Speaker

Natalie REES

12:25 – 12:50 PM

The Simmering phase of SNe Ia

Speaker

Luciano PIERSANTI

12:50 PM

4:00 PM

Stellar Evolution

Session | **Location:** Perugia, Italy | **Convener:** Lionel SIESS

4:00 - 4:25 PM

Evolution and nucleosynthetic gas yields of intermediate-mass primordial to extremely metal-poor stars

Speaker

Pilar GIL-PONS

4:25 - 4:50 PM

Extremely Metal-Poor Asymptotic Giant Branch Stars

Speaker

Mario CIRILLO

4:50 PM

5:20 PM

Stellar Evolution

Session | **Location:** Perugia, Italy | **Convener:** Lionel SIESS

5:20 - 5:45 PM

On the reliability of stellar models used to probe new (and old) physics.

Speaker

Oscar STRANIERO

5:45 - 6:10 PM

Core-Collapse Supernovae: the connection between explosion and progenitor structure

Speaker

Luca BOCCIOLI

6:10 - 6:35 PM

Modified gravity in the interior of population II stars (R)

Speaker

Shaswata CHOWDHURY

6:45 PM