

Session Program

30 June 2026 to 2 July 2026

Carbon Burning: Theory, Astrophysics and Experiments

Astrophysics I

Sala Conferenze di Palazzo del Monte di Pietà
Piazza Duomo, 14 Padova (Italy)

Tuesday 30 June

09:00

Astrophysics I

Session | **Location:** Sala Conferenze di Palazzo del Monte di Pietà, Piazza Duomo, 14 Padova (Italy)

09:00–09:30

The role of the $^{12}\text{C}+^{12}\text{C}$ on the stellar evolution"

Speaker

Dr Alessandro Chieffi

09:30–10:00

Carbon burning and Type I a Supernova

Speaker

Luciano Piersanti

10:00–10:30

$^{12}\text{C}+^{12}\text{C}$ and $^{12}\text{C}+^{16}\text{O}$ reaction rates and stellar evolution

Speaker

Dr Thibaut Dumont

10:30