

**Supernovae: Forging Galactic Archaeology, Chemical Evolution and
Cosmology (DANZ-sn2026)
A Conference in memory of John Danziger**

14-18 September 2026, Hotel del Golfo (Elba, Italy)

Preliminary Program

Sunday, September 13

19:00 -20:00 Welcome party, Registration

Monday September 14

8:30 Registration

8:45 Welcoming Address by Francesca Matteucci

Session I: Supernovae: observations

9:00— M.T. Botticella

Transient Universe in the Multi -Messenger Era

9:30— E. Cappellaro

50 years of transient search: from Asiago Schmidt telescope to Euclid

10:00—N. Patat

Lunar gravitational telescope

10:30— S. Orlando

Cassiopea A as a laboratory for Core -Collapse Supernova physics

11:00— 11:30 Coffee Break

11:30—F. Bocchino

An optical/Xray view of the Calvera supernova remnant



12:00— E. Greco

The 40 years hunt for the Elusive Compact Object in SN1987 A

12:30— 17:00 Lunch break and free time

17:00—P. Bouchet

Supernova 1987A and John Danziger

17:30—M. Della Valle

Capturing the Birth of Supernovae in Real Time

Session II: SN progenitors

18:00 —L. Greggio

The distribution of the Delay times of Type Ia Supernovae

18:30— A. Hakobyan

Constraining Type Ia supernova progenitors within host galaxy discs

19:00 End of day Session

Tuesday September 15

9:00 F. Rizzuti

3D simulations of massive stars as supernova progenitors

Session III: SNe, dust and ISM

9:30— F. Calura

Interstellar Dust Production and the Role of Supernovae: from Local Remnants to the Early Universe

10:00—M. Schultheis

Diffuse interstellar bands

Session IV: Chemical abundances and nucleosynthesis

10:30— R. Kudritzki

Extragalactic stellar spectroscopy



11.00-11.30 Coffee Break

11:30— E. Gjergo

The Initial Mass Function as the Equilibrium State of a Variational Process: why the IMF cannot be sampled stochastically

12:00— N. Ryde

Chemical Abundances and Chemical evolution of the Stellar Populations in the Galactic Centre

12:30— 17:00 Lunch break and free time

Session V: Galactic Evolution: the Milky Way

17:00 — L. Izzo

Novae as Galactic lithium factories: further confirmations from multi-wavelength surveys

17:30— N. Prantzos

On the Evolution of Li in the Milky Way

18:00 — C. T. Nguyễn

A galactic chemical evolution for Li

18:30 End of day Session

Wednesday September 16

9:00— M. Molero

Constraining r-process nucleosynthesis with multi-objective Galactic chemical evolution models

9:30 — I. Minchev

Reconstructing the Spatially Resolved Star Formation History of the Milky Way Disk

10:00— G. Bono

Radial Metallicity gradients



10.30— O. Gerhard

Galactic bulge chemodynamics

11.00 – 11:30 Coffee Break

11:30— M. Sormani

The impact of stellar feedback in driving inflows in the Galactic centre

12:00— A. Vasini

3D Mapping of the Central Molecular Zone: constraining cloud distances with proper motions and stellar extinctions

12:30— 17:00 Lunch Break and free time

Session VI: Short Memorial Session for John Danziger

17:00 — D. Baade - Working with John Danziger

- A. Renzini
- S. D’Odorico
- X.W. Liu
- N. Patat
- D. Kunth
- P. Bouchet
- M. Danziger

20:00 Social Dinner

Thursday September 17

9:00— M. Rich

The chemical evolution and star formation history of bulge and Terzan 5

Session VII: Supernovae and external galaxies



9:30 — M. Arnaboldi

Stretched, distorted and warped: the effects of the recent major merger event onto the older stellar disc in the Giant Andromeda Galaxy

10:00— P. Palicio

The Delay-Time distribution in analytic solutions of Chemical Evolution Models and its constraints from cosmic observations of Type Ia Supernova Rates

10:30 — L. Ciotti

Metallicity gradients and internal dynamics of ETGs

11:00— 11:30 Coffee Break

11:30— S. Pellegrini

Supernovae and hot interstellar medium in early type galaxies

12:00— A. Renzini

Failed Supernovae May Help in Making Globular Clusters and Compact Galaxies in the Early Universe

12:30— 17:00 Lunch break and free time

17:00 — E. Pepe

Yields from massive binaries and galactic chemical evolution

17:30— M. Palla

Local group galaxies as probes of stellar nucleosynthesis

18:00— V. Grisoni

Co-evolution of the Milky Way thick and thin discs with the revised parallel model

18:30 End of day Session

Friday September 18

9:00— L. Sgatti

The MINCE project: A detailed analysis of 37 metal-poor and subsolar metallicity stars



9:30— G. Cescutti

On the Importance of Faint Supernovae in the Early Galaxy

10:00— E. Spitoni

The chemical evolution model of the Nuclear Stellar Disc

10:30— 11:00 Coffee break

11:00 —11:30 Concluding remarks

End of the Conference

