

**Surname Name**

**Massimo Della Valle**



Position: Director of Research, Capodimonte Astronomical Observatory, INAF-Naples

### **I Scientific Work**

Follow-up of Supernovae:, Photometric and Spectroscopic Evolution, Rates

Supernova and Gamma-ray Burst connection

Galactic and extragalactic Novae

Supernovae-Ia and Gamma-ray Bursts as rulers for cosmological parameters

Search for electromagnetic counterparts of GW sources

### **III. Service activities** :

ICRANet Scientific Board (Italy)

Science board for SOXS at NTT

Lecturer of Astrophysics for SSM at Federico II and Cattolica University, Brescia

## **List of referred Publication 2022**

- 1.** Unveiling the Universe with emerging cosmological probes, Moresco, Michele; Amati, Lorenzo; Amendola, Luca et al. 2022, LRR, 25, 6
- 2.** Classical novae with CUBES, Izzo, Luca; Molaro, Paolo; Bonifacio, Piercarlo et al. 2022, 2022ExA, 78
- 3.** Shocks in the Outflow of the RS Oph 2021 Eruption Observed with X-Ray Gratings, Orio, Marina; Behar, E.; Luna, G. J. M. et al. 2022, ApJ, 938, 34
- 4.** Euclid: Searching for pair-instability supernovae with the Deep Survey, Moriya, T. J.; Inserra, C.; Tanaka, M. et al. 2022, A&A, 665, 157
- 5.** A blast from the infant Universe: The very high-z GRB 210905A, Rossi, A., Frederiks, D. D., Kann, D. A. et al. 2022, 2022A&A, 665, 125
- 6.** Galactic observatory science with the ASTRI Mini-Array at the Observatorio del Teide, D'Ai, A., Amato, E., Burtovoi, A. et al. 2022, JHEAp, 35, 139
- 7.** Weak Mass Loss from the Red Supergiant Progenitor of the Type II SN 2021yja, Hosseinzadeh, G., Kilpatrick, C. D., Dong, Y. et al. 2022 ApJ, 935, 31
- 8.** The Peculiar Short-duration GRB 200826A and Its Supernova, Rossi, A., Rothberg, B., Palazzi, E. et al. 2022, ApJ, 932, 1
- 9.** Detection of  ${}^7\text{Be}$  II in the Small Magellanic Cloud, Izzo, L., Molaro, P., Cescutti, G. et al. 2022, MNRAS, 510, 5302
- 10.** Less Than 1% of Core-collapse Supernovae in the Local Universe Occur in Elliptical Galaxies, Irani, I., Prentice, S. J., Schulze, S. et al. 2022, ApJ, 927, 10
- 11.** The supernova of the MAGIC gamma-ray burst GRB 190114C, Melandri, A., Izzo, L., Pian, E. et al. 2022, A&A, 659, 39
- 12.**  ${}^7\text{Be}$  in the outburst of the ONe nova V6595 Sgr, Molaro, P., Izzo, L., D'Odorico, V. et al. 2022, MNRAS, 509, 3258