

## Curriculum Vitae

*name:* Enrico Cappellaro  
*date of birth:* 28/11/1957, Venice (Italy)  
*permanent address:* vicolo dell'Osservatorio 5, 35122 Padova (Italy)  
*personal address:* via G. La Pira, 4b, 35020 Ponte san Nicolo' (Padova, Italy)  
*current position:* Astronomo Ordinario at the Padua Astronomical Observatory, INAF

### Academic Background and Degrees

1982 Graduate: Laurea in Astronomy, University of Padua. Thesis on  
1985 Postdoctoral fellowship by the Italian Ministry of Public Education spent at the University of Texas at Austin

### Academic Career

1986-1995 Research Astronomer, Padua Astronomical Observatory  
1995-2001 Associate Astronomer, Padua Astronomical Observatory  
2001 -> Astronomo Ordinario,  
2001-2008 Capodimonte Astronomical Observatory, Naples  
2008 -> Padua Astronomical Observatory  
2005 - 2010 Director, Padua Astronomical Observatory

### Academic Experience

1993 Associate Astronomer, European Southern Observatory, La Silla  
Oct. 1997, Jan 2006, Apr. 2007 Visiting scientist, Institute for Theoretical Physics, University of California at Santa Barbara  
2002-2004 Chair of the Time Allocation committee for the TNG  
2013-2014 Chair of the Time Allocation committee for the LBT/TNG/REM  
2002-2005 ESO user committee  
2008-2009 Panel Chair of the ESO-OPC  
2008 -> Member of the Board of Directors of Galileo Galilei Foundation (FGG)  
2005 - 2010 Member of the Executive Council and of the Board of Professors of the Doctoral School in Astrophysics  
Supervisor of several graduate and PhD thesis

## Professional and Learned Societies

1988 -> Member of the International Astronomical Society

2013 -> Member of the Accademia Galileiana di Lettere, Science e Arti in Padova

## Current Projects

Co-PI and responsible of the Italian contribution for the construction of Omegacam, the wide field camera for the VLT Survey Telescope (VST).

Co-leader of the SWG on Supernova and Other Transients for EUCLID.

Member of the European PESSTO collaboration (Public ESO Spectroscopic Survey of Transient OBJECTS)

Member of the GAIA Science Alert WG

Liaisons for INAF and PESSTO with LIGO and Virgo for the follow up gravitational wave event candidates.

PI of SUDARE, Supernova Diversity and rate Evolution, the search of SNe at intermediate redshift with the ESO VST telescope.

## Publication List

- *Spectroscopy of the Type Ia supernova 2011fe past 1000 d.* Taubenberger, S., Elias-Rosa, N., Kerzendorf, W. E., Hachinger, S., Spyromilio, J., et al. 2015, MNRAS 448, L48
- *Interacting supernovae and supernova impostors. SN 2007sv: the major eruption of a massive star in UGC 5979.* Tartaglia, L., Pastorello, A., Taubenberger, S., Cappellaro, E., Maund, J. R., et al. 2015, MNRAS 447, 117
- *Variability-selected active galactic nuclei in the VST-SUDARE/VOICE survey of the COSMOS field.* De Cicco, D., Paolillo, M., Covone, G., Falocco, S., Longo, G., et al. 2015, A&A 574, AA112
- *SN 2013df, a double-peaked IIb supernova from a compact progenitor and an extended H envelope.* Morales-Garoffolo, A., Elias-Rosa, N., Benetti, S., Taubenberger, S., Cappellaro, E., et al. 2014, MNRAS 445, 1647
- *Extending the supernova Hubble diagram to  $z \sim 1.5$  with the Euclid space mission.* Astier, P., Balland, C., Brescia, M., Cappellaro, E., Carlberg, R. G., et al. 2014, A&A 572, AA80
- *Abundance stratification in Type Ia supernovae - IV. The luminous, peculiar SN 1991T.* Sasdelli, M., Mazzali, P. A., Pian, E., Nomoto, K., Hachinger, S., et al. 2014, MNRAS 445, 711
- *Asiago Supernova classification program: Blowing out the first two hundred candles.* Tomasella, L., Benetti, S., Cappellaro, E., Pastorello, A., Turatto, M., et al. 2014, AN 335, 841
- *The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae.* Benetti, S., Nicholl, M., Cappellaro, E., Pastorello, A., Smartt, S. J., et al. 2014, MNRAS 441, 289
- *The Type IIP Supernova 2012aw in M95: Hydrodynamical Modeling of the Photospheric Phase from Accurate Spectrophotometric Monitoring.* Dall'Ora, M., Botticella, M. T., Pumo, M. L., Zampieri, L., Tomasella, L., et al. 2014, ApJ 787, 139
- *Low luminosity Type II supernovae - II. Pointing towards moderate mass precursors.* Spiro, S., Pastorello, A., Pumo, M. L., Zampieri, L., Turatto, M., et al. 2014, MNRAS 439, 2873
- *SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor.* Bufano, F., Pignata, G., Bersten, M., Mazzali, P. A., Ryder, S. D., et al. 2014, MNRAS 439, 1807
- *Slowly fading super-luminous supernovae that are not pair-instability explosions.* Nicholl, M., Smartt, S. J., Jerkstrand, A., Inserra, C., McCrum, M., et al. 2013, Natur 502, 346
- *Comparison of progenitor mass estimates for the Type IIP SN 2012A.* Tomasella, L., Cappellaro, E., Fraser, M., Pumo, M. L., Pastorello, A., et al. 2013, MNRAS 434, 1636
- *Moderately luminous Type II supernovae.* Inserra, C., Pastorello, A., Turatto, M., Pumo, M. L., Benetti, S., et al. 2013, A&A 555, AA142
- *HAWK-I infrared supernova search in starburst galaxies.* Miluzio, M., Cappellaro, E., Botticella, M. T., Cresci, G., Greggio, L., et al. 2013, A&A 554, AA127
- *Interacting Supernovae and Supernova Impostors: SN 2009ip, is this the End?* Pastorello, A., Cappellaro, E., Inserra, C., Smartt, S. J., Pignata, G., et al. 2013, ApJ 767, 1
- *Supernovae and Gaia.* Altavilla, G., Botticella, M. T., Cappellaro, E., Turatto, M. 2012, Ap&SS 341, 163
- *The Highly Energetic Expansion of SN 2010bh Associated with GRB 100316D.* Bufano, F., Pian, E., Sollerman, J., Benetti, S., Pignata, G., et al. 2012, ApJ 753, 67
- *The bright Type IIP SN 2009bw, showing signs of interaction.* Inserra, C., Turatto, M., Pastorello, A., Pumo, M. L., Baron, E., et al. 2012, MNRAS 422, 1122
- *A Spectroscopically Normal Type Ic Supernova from a Very Massive Progenitor.* Valenti, S., Taubenberger, S., Pastorello, A., Aramyan, L., Botticella, M. T., et al. 2012, ApJ 749, LL28
- *A comparison between star formation rate diagnostics and rate of core collapse supernovae within 11 Mpc,* Botticella, M. T., Smartt, S. J., Kennicutt, R. C., Cappellaro, E., Sereno, M., et al. 2012, A&A 537, AA132
- *The Type IIP SN 2007od in UGC 12846: from a bright maximum to dust formation in the nebular phase,* Inserra, C., Turatto, M., Pastorello, A., Benetti, S., Cappellaro, E., et al. 2011, MNRAS 417, 261