

Curriculum vitæ of Mauro D’Onofrio

Training and qualifications

- Maturità classica at “Liceo Classico Statale Raimondo Franchetti” (Venezia-Mestre) in 1981.
- Laurea degree in Astronomy at the Padova University in 1987. Thesis title: “Study of the nova stellar system in M31”. Tutor: Prof. L. Rosino; co-tutor: Prof. M. Capaccioli.
- Magister Philosophiae at the International School for Advanced Studies of Trieste in 1989. Thesis title: “Properties of spiral galaxies: a study of the Virgo Cluster”. Tutor: Prof. M. Capaccioli.
- Visiting researcher at the Landessternwarte Heidelberg-Königstuhl (Heidelberg, Germany) in May 1989.
- Doctor Philosophiae at the International School for Advanced Studies of Trieste in 1991. Thesis title: “Studies of stellar components in spiral galaxies”. Tutors: Prof. M. Capaccioli and D. Sciama.
- Visiting researcher at Osservatorio Astronomico di Brera (Milano, Italia) in April-May 1991.
- Research astronomer at the Department of Astronomy (now Dipartimento di Fisica e Astronomia G. Galilei) of the Padova University 1992-2017.
- Visiting researcher at the Astrophysics Institute of Potsdam (Germany), September-December 1993.
- Visiting researcher at the Osservatorio Astronomico di Capodimonte (Napoli, Italia), January-July 1994.
- Visiting researcher at the Observatoire de Lion (France), September 1996.
- Visiting researcher at the Osservatorio Astronomico di Capodimonte (Napoli, Italia), March-July 2002.
- Visiting researcher at the Instituto de Astrofísica de Canarias (Tenerife, Spain): June 2009 and June 2011.
- Abilitazione scientifica nazionale as associate professor (II fascia) (From 26/2/2015 to 26/2/2021).
- Visiting researcher at the Université del Alpes, Grenoble, July 2015.
- Associate Professor at the Department of Physics & Astronomy G. Galilei, University of Padova.
- Qualification as Full Professor (May 2018).

Partecipazione at Schools and Congresses

- *New Ideas in Astronomy* (Venezia, Italy, May 5–7, 1987)
- *Large Scale Structure and Motions in the Universe* (Trieste, Italy April 6–9, 1988)
- *Le Monde des Galaxies* (Parigi, France, June 12–15, 1988)
- *The Milky Way as a Galaxy* (Saas-Fee, Switzerland, February 9–16, 1989)
- *Physics of Classical Novae* (Madrid, Spain, June 26–30, 1989)
- *Internal Dynamics of Galaxies* (Roma, Italy, May 17–18, 1990)
- *Morphological and Physical Classification of Galaxies* (S. Agata sui due golfi, Napoli, Italy, September 7–9, 1990)
- *Galaxy Environment and Large Scale Structure of the Universe* (Trieste, Italy, October 22–25, 1991)
- *Primo Congresso Nazionale di Cosmologia* (Roma, Italy, November 19–20, 1992)
- *Panchromatic View of Galaxies* (Kiel, Germany, March 12–15, 1993)
- *International Workshop on Galaxy Cluster and Large Scale Structure* (Sesto val Pusteria, Bolzano, Italy, June 29–2, 1993)
- *Astronomy from Wide-Field Imaging* (Potsdam, Germany, August 7–10, 1993)
- *Stellar Population* (Teramo, Italy, September 27–29, 1993)
- *Secondo Congresso Nazionale di Cosmologia* (Asiago, Italy, October 21–23, 1993)
- *Congresso Nazionale della Società Astronomica Italiana* (Napoli, Italy, May 25–30, 1994)
- *Fresh View on Elliptical Galaxies* (Puebla, Mexico, April 14–17, 1995)
- *Napoli thinkshop on Physics and Astrophysics: Why Dark Matter?* (Napoli, Italy, May 26, 1995)
- *New Light on Galaxy Evolution* (Heidelberg, Germany, June 26–30, 1995)
- *Interacting Galaxies: in Pairs, Groups, and Clusters* (S. Agata sui due Golfi, Napoli, September 3–5, 1995).
- *The Second Stromlo Symposium: The Nature of Elliptical Galaxies* (Canberra, Australia, August 26–30, 1996)
- *Views on Distance Indicators* (S. Agata sui due golfi (Napoli), Italy, September 3–6, 1997)
- *The Development of Galaxy Systems* (Sesto val Pusteria, Bolzano, Italy, June 29–2, 1999)
- *Astronomical telescopes and Instrumentations* (Munich, Germany. March 27 -31 2000)
- *Galaxy disks and disk galaxies* (Roma, Italy. June 12-16 2000)

- *Tracing the Cosmic Evolution with Galaxy Clusters* (Sesto val Pusteria, Bolzano, Italy, July 3–6, 2001)
- *The Mass of Galaxies at Low and High Redshift* (Venice, Italy. October 24-26, 2001).
- *National meeting of the “Accademia dei Lincei”* (Roma, Italy, 2003)
- *Annual meeting of the Italian Astronomical Society* (Trieste, Italy, 2003)
- *Annual meeting of the Italian Astronomical Society* (Milano, Italy, 2004)
- *XXVI IAU General Assembly* (Praga, Rep. Ceca, August 2005)
- *Galaxies and Structures Through Cosmic Times* (Venice, Italy. March 26-31, 2006).
- *Tracing Cosmic Evolution with Clusters of Galaxies: Six Years Later* (Sesto val Pusteria, 2007)
- *JENAM 2007: Our non-stable Universe* (Yerevan, Armenia, 2007)
- *National meeting of the “Accademia dei Lincei”* (Roma, Italy, 2009).
- *Astronomy and its Instruments before and after Galileo* (San Servolo island, Venice, September 28 - October 2, 2009).
- *Galaxy Clusters as Giant Cosmic Laboratories* International XMM-Newton meeting at ESAC, Madrid, Spain May 21 - 23 (2012).
- *Tracing Cosmic Evolution with Clusters of Galaxies, Sesto val Pusteria, Italy 1-5 July 2013*
- *GEE3: Galaxy Evolution in the Cosmic Web, Padova, Italy 12-15 Novembre 2013*
- *Future Directions in Galaxy Cluster Surveys, Paris, France 23-27 June 2014*
- *The Universe of Digital Sky Surveys, Napoli 25-28 November 2014*
- *Drifting through the Cosmic Web, Aix-en-Provence, France 6-11 July 2015*
- *GEE4: Galaxy Evolution & Environment, Padova, Italy 30 October - 2 November 2015*
- *Sweeping galaxies clean: cold molecular outflows as drivers of galaxy evolution, Sesto Pusteria, Italy, 15-20 February 2016*
- *The Milky Way and its environment, Paris, France 19 September - 23 September 2016*
- *The galaxy life cycle, Venezia, Italy 24 October - 28 October 2016*
- *Quasars at all cosmic epochs, Padova, Italy, 2-7 April, 2017*

Invited talks, seminars and lectures

- Invited scientist at the Landessternwarte Heidelberg-Königstuhl (Heidelberg, Germany) on May 1989.

- Invited scientist at the Brera Observatory (Milan, Italy) on April-May 1991.
- Invited scientist at the Astrophysics Institute of Potsdam (Germany) on 1993.
- Invited scientist at the Capodimonte Observatory (Napoli, Italy) on 1994.
- Two invited lectures at the “School of Astrophysics” for PhD students in Palermo on october 1994.
- Invited scientist at the Observatoire de Lion (France) on september 1996.
- Invited seminar at the Observatoire de Lion (France) on september 1996.
- Invited talk at International Meeting “Interacting Galaxies: in Pairs, Groups, and Clusters” (September 3-5, 1995. S. Agata sui due Golfi, Napoli).
- Invited speaker at the Conference ”Galaxies disks and disk galaxies” (June 12-16, 2000. Roma).
- Invited speaker at the Conference ”Tracing cosmic evolution with Galaxy Clusters” (Sesto val Pusteria, Italy. July 2-6 2001).
- Invited speaker at the Conference ”Dark and Visible Matter in Galaxies” (July 2-5, 1996. Sesto Pusteria, Italy).
- Invited seminar at the ESO (Garching, Germany) on october 2003.
- Invited speaker at the National Astronomical meetings of the “Accademia dei Lincei” (Roma, Italy, 19-20 Maggio 2003)
- Invited speaker at the Conference ”Galaxies and Structures Through Cosmic Times” (Venice, Italy. March 26-31, 2006).
- Invited seminar at the Instituto de Astrofisica de Canarias (Spain) on october 2007.
- Invited scientist at the Torino Observatory (Torino, Italy) September 2008.
- Invited talk at the international IAU meeting: ”Astronomy and its Instruments before and after Galileo” (September 28 - October 2, 2009. San Servolo island, Venice).
- Invited seminar at the Universidad Complutense de Madrid (Spain) on September 2010.
- Invited seminar at the Instituto de Astrofisica de Canarias (Spain) on june 2011.
- Invited talk at the GEE3 meeting ”Galaxy Evolution in the Cosmic Web”, Padova, Italy 12-15 Novembre 2013.
- Invited talk at the congress ”Future Directions in Galaxy Cluster Surveys”, Paris, France 23-27 June 2014.
- Invited seminar at the INAF IASF (Bologna) on September 2014.
- Invited seminar at the Université des Alpes, Grenoble, July 2015.

- Invited talk at the GEE4 meeting "Galaxy Evolution & Environment", Padova, Italy 30 Ottobre-2 Novembre 2015.
- Invited talk at the Sesto Val Pusteria meeting "Sweeping galaxies clean: cold molecular outflows as drivers of galaxy evolution", 15-20 February 2016.

Organized congresses and meetings

- *Secondo Congresso Nazionale di Cosmologia* (Asiago, Italy, October 21–23, 1993)
- *Interacting Galaxies: in Pairs, Groups, and Clusters* (S. Agata sui due Golfi, Napoli, September 3-5, 1995).
- *Galaxies and Structures Through Cosmic Times* (Venice, Italy. March 26-31, 2006).
- *Astronomy and its Instruments before and after Galileo* (San Servolo island, Venice, September 28 - October 2, 2009).
- *GEE3: Galaxy Evolution in the Cosmic Web*,(Padova, Italy 12-15 Novembre 2013).
- *Quasars at all cosmic epochs* (Padova, Italy, April 2-7, 2017)

Didactic activity

- A.Y. 1992-93: 14h lectures of *Celestial Mechanics* and 9h lectures of *Astronomy*;
- A.Y. 1993-94: 10h lectures of *Celestial Mechanics* and 8h lectures of *Astronomy*;
- A.Y. 1994-95: 15h lectures of *Celestial Mechanics*, 15h lectures of *Astronomy*, 5h PhD lectures (Palermo, 1994);
- A.Y. 1995-96: 10h lectures of *Astronomy* and 2h lectures of *Radioastronomy*;
- A.Y. 1996-97: 10h lectures of *Astronomy*, 2h lectures of *Astronomy for mathematicians*, 2h lectures of *Astrometry*;
- A.Y. 1997-98: Professor of *Esperimentazioni di Fisica*;
- A.Y. 1998-99: Professor of *Esperimentazioni di Fisica*;
- A.Y. 1999-2000: Professor of *Laboratorio di Astronomia*
- A.Y. 2000-2001: Professor of *Laboratorio di Astronomia* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2001-2002: Professor of *Laboratorio di Astronomia* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2002-2003: Professor of *Laboratorio di Astronomia* and of *Didattica dell'Astronomia* for the SSIS;

- A.Y. 2003-2004: Professor of *Laboratorio di Astronomia* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2004-2009: Professor for the Master in Applied Optics held in Padova;
- A.Y. 2004-2005: Professor of *Ottica Astronomica* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2005-2006: Professor of *Ottica Astronomica* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2006-2007: Professor of *Ottica Astronomica* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2007-2008: Professor of *Tecniche Astrofisiche* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2009-2010: Professor of *Tecniche Astrofisiche* and of *Didattica dell'Astronomia* for the SSIS;
- A.Y. 2010-2011: Professor of *Tecniche Astrofisiche*;
- A.Y. 2011-2012: Professor of *Ottica Applicata*;
- A.Y. 2012-2013: Professor of *Ottica Applicata*;
- A.Y. 2013-2014: Professor of *Ottica Applicata*;
- A.Y. 2014-2015: Professor of *Ottica Applicata*;
- A.Y. 2015-2016: Professor of *Ottica Applicata*;
- A.Y. 2015-2016: 30h lectures of *Esperimentazioni di Fisica 2* and Professor of *Ottica Applicata*;
- A.Y. 2016-2017: Professor of *Ottica Applicata*;
- A.Y. 2017-2018: Professor of *Interferometry and Astrophysics*;
- A.Y. 2017-2018: 30h lectures of *Esperimentazioni di Fisica 2*;
- A.Y. 2017-2018: Professor of *Ottica Applicata*.

Laurea and PhD theses

I have been supervisor of several Laurea and PhD theses. The students that I remember are: Enrica Iodice, Francesco La Barbera, Tiziano Valentinuzzi, Daniele Bindoni, Stefano Cariddi, Angelo Pagan, Davide Gasparotto, Luca Poletto, Paola Zavarise, Paolo Favazza, Valeria Vanzani. I have been the referee for several theses. The students that I remember are: Michele Cappellari, Marc Sarzi, Ludovico Coccato, Carlo Gazzaniga, Demetrio Magrin, Chiara Marmo, Laura Bisigello, Guarise, Elena Piccoli, Davide Greggio, Chiara Garbellotto, Fabio Lanza, Stefano Tognon, Andrea Raffaele, Vania Lorenzi, Marco Erculiani, Sara Poltronieri, Alan Garcia Lopez.

Activities for the Department and the University

Since several years I am the manager of the *Bollettino degli Studi* and of the *Piani di Studio* for the students of the "corso di laurea in Astronomia".

I am in the teacher staff of the "corso di laurea in Astronomia" and of the "corso di dottorato in Astronomia".

I was member of the CAB (Centro Ateneo Biblioteche) for 5 years.

I was member of the "Giunta del Dipartimento di Astronomia".

I was for 6 years the spokesperson of staff researchers in the "Facoltà di Scienze".

For 3 years I was member of the "Consiglio di Presidenza della Facoltà di Scienze".

Research activity

I have been active in the following scientific areas:

- Extragalactic Novae, SNe and GCs;
- Morphology and structure of spiral galaxies;
- Structure and kinematics of Elliptical and S0 galaxies;
- Double galaxies and interactive galaxies;
- Clusters of galaxies;
- Seyfert and Quasars;
- Quantum Astronomy;
- Optical and radio Interferometry.

National and International collaborations

I am member of several international teams working in different projects:

1. WINGS-OMEGAWINGS. Collaboration with B. Poggianti, D. Bettoni, A. Moretti, M. Gullieuszik, G. Fasano (Italy) and M. Moles, J. Varela (Spain), P. Kiergaard (Denmark), A. Dressler (USA), W. Couch (Australia).
2. GASP. Collaboration with B. Poggianti, D. Bettoni, A. Moretti, M. Gullieuszik (Italy) and Y. Jaffe, C. Bellhouse, C. Ghau (ESO-Chile).
3. QUASARS. Collaboration with P. Marziani (Italy) and J. Sulentic, A. Del Olmo (Spain), D. Dultzin, A. Negrete (Mexico).
4. CLADISTIC. Collaboration with D. Fraix-Burnet (France), P. Marziani (Italy).
5. SPLASH. Collaboration with C. Chiosi, E. Merlin (Italy), S. Pasetto (USA), L. Piovan, T. Grassi (Denmark) and U. Buonomo.

Bibliometric indexes

Today (23-11-2017) I have 2871 citations (581 normalized citations= $N.$ of citations/ $N.$ of authors) in the ADS-NASA database for a total of 175 works published (107 with referee). My h-index is 29, g-index 52, e-index 39, i10-index 52.

According to ADS/NASA the number of papers in the last 10 years is: 121

The number of citations in the last 15 years is: 1412

The h-index of the last 15 years is: 32.

According to GOOGLE-SCHOLAR since 2012:

The number of citations is: 1716

The h-index is: 24.

According to SCOPUS the number of papers in the last 10 years is: 58

The number of citations in the last 15 years is: 1067

The h-index of the last 15 years is: 20.

Approved observational proposals as PI or CoPI

- La Palma INT Telescope (1990): *The Virgo spiral galaxies*;
- ESO period 54 (1994) at the La Silla 1.5m Danish telescope: *The brightest cluster galaxies of nearby clusters*;
- ESO period 58 (1996) at the La Silla 1.2m spectroscopic telescope: *Long slit spectroscopy of ETGs in the Fornax Clusters*;
- ESO period 67 (1999) at the La Silla 2.2m telescope: *The Fundamental Plane of faint E galaxies in the low redshift cluster A3125*;
- ESO period 78 (2006) at the VLTI telescope in Paranal: *Unveiling the dust nebula around the Symbiotic System HD330036*;
- ESO period 79 (2007) at the VLTI telescope in Paranal: *Unveiling the dust nebula around the Symbiotic System HD330036*;
- ESO period 88 (2011) GTO at VST in Paranal: *The u' extension of the WINGS project*;
- ESO period 89 (2012) GTO at VST in Paranal: *The u' extension of the WINGS project*;
- ESO period 90 (2012) GTO at VST in Paranal: *The u' extension of the WINGS project*;
- ESO period 91 (2013) GTO at VST in Paranal: *The u' extension of the WINGS project*;
- ESO period 92 (2013) GTO at VST in Paranal: *The u' extension of the WINGS project*;
- ESO period 93 (2014) GTO at VST in Paranal: *The u' extension of the WINGS project*.
- ESO period 94 (2014) GTO at VST in Paranal: *The u' extension of the WINGS project*.
- AAT telescope (2014) in Australia: *Spectroscopy of WINGS galaxies*.
- ESO period 95 (2015) GTO at VST in Paranal: *The u' extension of the WINGS project*.
- ESO period 96 (2015) GTO at VST in Paranal: *The u' extension of the WINGS project*.
- ESO period 97 (2016) GTO at VST in Paranal: *The u' extension of the WINGS project*.

- ESO LARGE PROGRAM (2016) at VLT in paranal: *Dissecting Gas Stripping Phenomena in galaxies with MUSE*.
- ESO period 98 (2016) GTO at VST in Paranal: *The u' extension of the WINGS project*.
- ESO-APEX period 98 (2016): *The CO gas in WINGS jellyfish galaxies*.
- ALMA Cycle 4 (2017): *Mapping the molecular gas in jellyfish galaxies*.

Funds obtained for my research activity

- 2017: PI of the project (Ex 60%): *Astrofisica del sistema solare e dei nuclei galattici attivi*
- 2016: PI of the University project: *The planned star formation activity of galaxies* and PI of the project (Ex 60%): *Astrofisica del sistema solare e dei nuclei galattici attivi*
- 2015: PI of the project (Ex 60%): *Extreme Quasars as distance indicators: a test for the standard cosmological model*
- 2014: PI of the project (Ex 60%): *Extreme Quasars as distance indicators: a test for the standard cosmological model*
- 2013: PI of the project for a junior grant: *Setting the evolutionary steps of Early Type Galaxies (ETGs)*;
- 2012: PI of the project (Ex 60%): *Superdense galaxies (SDG) in nearby clusters: stellar populations, dynamical properties and influence of environment*;
- 2011: PI of the project (Ex 60%): *The connection between shape and stellar population in early-type galaxies*;
- 2010: PI of the project (Ex 60%): *The connection between structure and star formation history in galaxies of nearby clusters*;
- 2009: national PI of the **PRIN (MIUR)** project: *Nature and evolution of superdense galaxies*, and PI of the research grant: *Analisi dati dal database WINGS di galassie in ammassi locali* and PI of the project (Ex 60%): *The scaling relations of early-type galaxies in nearby clusters*;
- 2008: PI of the University project: *WINGS: A fundamental step for observational cosmology* and PI of the project (Ex 60%): *The scaling relations of early-type galaxies*;
- 2007: PI of the research grant: *WINGS RELOADED: toward a complete description of nearby clusters*, PI of the project (Ex 60%): *The scaling relations of early-type galaxies* and CoPI of the PRIN (MIUR) project: *Fotometria ultraveloce fino ai limiti quantistici e altri effetti di ottica quantistica*;
- 2006: member of the project (Ex60%) of prof. Rafanelli: *Le tecniche di indagine ad alta risoluzione nello studio degli effetti dell'interazione fra materia e radiazione in sorgenti stellari e in galassie attive/starburst*;

- 2005: membro of the project (Ex60%) of prof. Rafanelli: *Gli effetti dell'interazione fra radiazione e materia in galassie attive e starburst, in sorgenti stellari e protostellari*;
- 2004: member of the project (Ex60%) of prof. Rafanelli: *Influenza dell'ambiente sulle proprietà delle galassie attive*;
- 2003: PI of the project: *Studio delle relazioni di scala delle ETGs negli ammassi vicini e lontani*;
- 2002: member of the project (Ex60%) of prof. Rafanelli: *Influenza dell'ambiente sulle proprietà delle galassie attive*;
- 2001: member of the PRIN (MIUR) project: *Relazioni tra la massa dei buchi neri supermassicci e le proprietà dello sferoide ospite in galassie normali e attive*;
- 2000: member of the PRIN (MIUR project): *Identificazione e studio multibanda di sorgenti galattiche ed extragalattiche: variabili cataclismiche, nane bianche, nuclei attivi e galassie starburst*;
- 1998: member of the PRIN (MIUR) project: *Trattamento di immagini astronomiche di grande campo per fotometria stellare e fotometria di oggetti estesi*

My project *SPIRALS* presented at the FP6 and FP7 EU calls was judged positive but not financed.

Activity as referee and editor

I am referee for the following journals: *Astrophysical Journal*, *Monthly Notices of the Royal Astronomical Society*, *Astronomy & Astrophysics*, *Astromische Nachrichten*, *Frontiers in Astronomy and Space Science*. I was referee for the PRIN (MIUR) projects in 2010. I am in the Board of the International Scholarly Research Network (ISRN). I am Associate Editor of the journal *Frontiers in Astronomy and Space Science*. I am an editor of the publishing house SPRINGER and I worked as referee for SPRINGER. I am referee for the Italian VQR 2011-2014. I am referee for the Rita Levi Montalcini projects connected to the MIUR.

Activity as Commissioner I was member of several Commissions for competitions for the role of researcher in several University and Observatories. I was member of Commission for the XXIX cycle (2012-2013) of the PhD positions in Padova.

Outreach activities

I was in the team of the scholar project "The sky as a Laboratory" for the Regione Veneto. I regularly do seminars for a wide audience every year. I work for the Museum of Astronomy in Asiago.

Publications of Mauro D'Onofrio

Refereed papers

1. *Fifty-two Novae Discovered in M31 from 1970 to 1986.*
Rosino L., Capaccioli M., D'Onofrio M., Della Valle M.
(1989), *Astron. Journal*, 97, p. 83. University of Chicago Press, USA.
2. *Properties of the Nova Population in M31.*
Capaccioli M., Della Valle M., D'Onofrio M., Rosino L.
(1989), *Astron. Journal*, 97, p. 1622. University of Chicago Press, USA.
3. *Distances of the Virgo and Coma Clusters of Galaxies through Novae and Supernovae.*
Capaccioli M., Cappellaro E., Della Valle M., D'Onofrio M., Rosino L., Turatto M.
(1990), *Astrophys. Journal*, 350, p. 110. University of Chicago press, USA.
4. *Distance of the Large Magellanic Cloud through the MMRD Relation for Novae.*
Capaccioli M., Della Valle M., D'Onofrio M., Rosino L.
(1990), *Astrophys. Journal*, 360, p. 63. University of Chicago Press, USA.
5. *Families of Galaxies in the μ_e - R_e Plane.*
Capaccioli M., Caon N., D'Onofrio M.
(1992), *Monthly Notices of the Royal Astr. Society*, 259, p. 323.
6. *On the Shape of the Light Profiles of Early Type Galaxies.*
Caon N., Capaccioli M., D'Onofrio M.
(1993), *Monthly Notices of the Royal Astr. Society*, 265, p. 1013.
7. *'Global Mapping' B-band Photometry of a Complete Sample of Fornax and Virgo Early-type Galaxies.*
Caon N., Capaccioli M., D'Onofrio M.
(1993), *Astron. and Astrophys. Suppl. Series*, 106, p. 199.
8. *On the Shape of the Light Profiles of Early Type Galaxies: II. The $D_n/A_e - SB_e$ Diagram.*
D'Onofrio M., Capaccioli M., Caon N.
(1994), *Monthly Notices of the Royal Astr. Society*, 271, p. 523.
9. *New Evidence for Mergers in Compact Groups of Galaxies.**
Caon N., Capaccioli M., D'Onofrio M., Longo G.
(1994), *Astron. and Astrophys.* 286, L39.
10. *Reddening Free Distance Determination Via Cepheid Variables.*
Piotto G., Capaccioli M., Musella I., D'Onofrio M.
(1994), in "Dust, Molecules and Backgrounds: from Laboratory to Space", (Capri, september 1994), E. Bussoletti, L. Colangeli, V. Mennella eds., special issue of *Planetary and Space Science*, vol.43, p. 1405.
11. *Major Axis Kinematics of 15 Early Type Galaxies in the Fornax Cluster.*
D'Onofrio M., Zaggia S., Capaccioli M., Caon N., Longo G.
(1995), *Astron. and Astrophys.* 296, p. 319.

12. *The Physical Morphology of Kinematically Hot Stellar Systems.*
Capaccioli M., D'Onofrio M., Caon N.
(1995), in "The World of Galaxies II", (Lione, France 1994), G. Paturel et al. eds., Astrophysical Letter and Communications, 31, p. 169.
13. *The Inner Regions of NGC 3384.*
Busarello G., Capaccioli M., Longo G., D'Onofrio M., Zaggia S., Richter G.
(1995), in "The World of Galaxies II", (Lione, France 1994), G. Paturel et al. eds., Astrophysical Letter and Communications, 31, p. 157.
14. *Yet Another Sub-component Inside a Bulge: the Structure of the Peculiar S0 Galaxy NGC 3384.*
Busarello G., Capaccioli M., D'Onofrio M., Longo G., Richter G., Zaggia S.
(1996), Astron. and Astrophys., 314, p. 32.
15. *The Relative Distances of the Virgo, Fornax, and Coma Clusters through the $D_n - \sigma$ and Fundamental Plane Relations.*
D'Onofrio M., Capaccioli M., Zaggia S., Caon N.
(1997) Monthly Notices of the Royal Astr. Society, 289, p. 847.
16. *The Spatial Structure of Early-Type Galaxies.*
D'Onofrio, M., Prugniel, P.
In: "Dark and Visible Matter in Galaxies". ASP Conference Series, Vol. 117; 1997; ed. Massimo Persic and Paolo Salucci. Proceedings of a conference held in Sesto Pusteria, BZ, Italy; 2-5 July 1996, p.568.
17. *Structure and kinematics of the peculiar galaxy NGC 128.*
D'Onofrio M., Capaccioli M., Merluzzi P., Zaggia S., Boulesteix J.
(1999), Astron. and Astrophys. Suppl. Ser., 134, p. 437.
18. *Star Formation History of Early-Type galaxies in low density environment. III. The isophote shape parameter and nuclear line strength indeces.*
Rampazzo R., D'Onofrio M., Bonfanti P., Longhetti M., Reduzzi L.
(1999), Astron. and Astrophys., 341, p. 357.
19. *Structure of early-type galaxies: 2D fit of the light distribution for a complete volume-limited sample*
Iodice E., D'Onofrio M., Capaccioli M.
(1999), in Astrophys. and Space Science, 276, 869.
20. *Comparative analysis of the properties of bright early-type galaxies in nearby clusters and in the field.*
Rampazzo R., D'Onofrio M., Bonfanti P., Longhetti M., Reduzzi L.
(2000), Astrophysical Letter and Communications, Vol. 40, pp. 9-31.
21. *UGC 3995: A close pair of spiral galaxies*
Marziani P., D'Onofrio M., Dultzin-Hacyan D., Sulentic J.
(1999), Astron. Journal, 117, 2736. University of Chigago Press, USA.

22. *2D modelling of the light distribution of early-type galaxies in a volume-limited sample. I. Simulations with artificial data.*
D'Onofrio M.
(2001), MNRAS, 326, 1508.
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