

Curriculum Vitae of Laura Ferrarese

January 1, 2019

I. PERSONAL DATA:

Name: Laura Ferrarese
Citizenship: Italian and Canadian
Current Position: Principal Research Officer
Current Address: National Research Council of Canada
Herzberg Astronomy and Astrophysics Research Centre
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II. EDUCATION

1996 Ph.D. (Physics), Johns Hopkins University, Baltimore, MD, USA
1992 Master of Arts (Physics), Johns Hopkins University, Baltimore, MD, USA.
1989 Laurea degree (Astrophysics), Università di Padova, Italy

III. EMPLOYMENT HISTORY

2004 – present: Principal Research Officer, Herzberg Astronomy and Astrophysics Research Centre, National Research Council, Canada (on leave July 2017 - September 2018).
2017 – 2018: Interim Director, Gemini Observatory, HI, USA
2005 – present: Adjunct Associate Professor, University of Victoria, Canada
2003 – 2014: Visiting Professor, University of Padova, Italy.
2000 – 2004: Associate Professor, Rutgers University, Piscataway, NJ.
1999 – 2000: Research Astronomer, University of California Los Angeles, CA.
1996 – 1999: Hubble Postdoctoral Fellow, California Institute of Technology, Pasadena, CA.

IV. PROFESSIONAL ASSOCIATIONS AND COMMITTEES (last 10 years)

Professional Associations:

2017 – present: AAS
2006 – present: IAU
2004 – present: CASCA

Selected National and International Committees:

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| 2018 – present: | Vice-president, International Astronomical Union |
| 2015 – present: | CFHT Board of Directors |
| 2018 – present: | CASCA/ACURA TMT Advisory Committee (CATAC) |
| 2017 – 2018: | National Centre for Optical and Infrared Astronomy (NCOA) Executive Committee |
| 2015 – 2017: | AURA Board of Directors |
| 2014 – 2017: | Chair, Association of Universities for Research in Astronomy (AURA) Oversight Council for Gemini |
| 2014 – 2015: | Chair, CASCA/ACURA TMT Planning Committee |
| 2012 – 2014: | President, Canadian Astronomical Society (CASCA) |
| 2012 – 2014: | Chair, IAU National Committee for Astronomy |
| 2012 – 2016: | CASCA's Long Range Plan Implementation Committee |
| 2012 – 2014: | Association of Canadian Universities for Research in Astronomy (ACURA), Board of Directors |
| 2012 – 2014: | Co-Chair, Coalition for Canadian Astronomy |
| 2009 – 2012: | Chair, CASCA/CSA's Joint Committee for Space Astronomy |

Science and Instrument Teams:

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| 2005 – present: | JWST/NIRCAM Science Team |
| 2005 – present: | JWST/NIRISS Science Team |
| 2009 – 2012: | TMAKA Science Team |
| 2010 – 2011: | Mission Chief Scientist for <i>High-z</i> (a proposed NASA Explorer Class Mission) |

Review Panels:

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| 2019: | SOFIA 5 Year Flagship Mission Review Panel |
| 2016: | Southern African Large Telescope 5-year Review Panel |
| 2016: | Chandra X-Ray Observatory Senior Review Panel |
| 2011: | Giant Magellan Telescope Instrument Review Panel |
| 2011 and 2016: | Chair, HST time allocation committee. |
| 2010 – 2012: | Chair, ESO time allocation committee |

V. PRIZES and AWARDS

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| CASCA Peter G. Martin Award | 2015 |
| CASCA/RASC Helen Sawyer Prize | 2014 |
| Queen Elizabeth II Diamond Jubilee Medal | 2012 |

VI. PRESENTATIONS (last 10 years)**PRIZE LECTURES**

- CASCA Martin Lecture (2015)
- CASCA/RASC Helen Sawyer Hogg Lecture (2014)
- Whitford Lecture at the University of Wisconsin-Madison (2013)

– Distinguished Lecturer at the University of Waterloo (2013)

SEMINARS and COLLOQUIA

- USA: National Radio Astronomy Observatory (Charlottesville), Johns Hopkins University; University of California Santa Cruz; Institute for Astronomy, University of Hawaii; Columbia University; Stanford University; California Institute of Technology; Jet Propulsion Laboratory; University of Colorado; Harvard University; Ohio State University; University of Washington; University of Chicago; University of California, Los Angeles; University of Minnesota; University of Florida; Washington State University; Drexel University; NRAO (Socorro); New Mexico State University; San Francisco State University; San Diego State University.
- Canada: Origins Institute, McMaster University; University of Toronto; University of British Columbia; University of Victoria; Herzberg Institute of Astrophysics; University of Waterloo; McGill University; Queen's University; University of Alberta.
- Other: Yonsei University, Seoul, Korea; Institute for Theoretical Physics, Universität Innsbruck; Università degli studi di Padova; Università degli studi di Bologna; Leiden University; Observatoire de Paris (Meudon).

INVITED and REVIEW TALKS at INTERNATIONAL CONFERENCES

- 2018 – Tokyo, Japan – Subaru User Meeting
 – Daejeon, Korea – K-GMT Science Program Users Meeting
- 2017 – Tokyo, Japan – Subaru International Partnership Workshop
- 2016 – Munich, Germany – Active Galactic Nuclei: What's in a Name?
- 2015 – Honolulu, Hawaii – IAUS 317: The General Assembly of Galaxy Halos: Structure, Origin and Evolution
 – Tenerife, Spain – The Journey of Dwarf Galaxies
- 2014 – Leiden, the Netherlands – Nuclear Clusters in Galaxies, and the Role of the Environment
- 2013: – Santiago, Chile – Deconstructing Galaxies.
 – Campbell River, Canada – CFHT Users' Meeting
- 2012: – Munich, Germany – Science from the Next Generation Imaging and Spectroscopic Surveys
- 2011: – Lisbon, Portugal – AGN Research with the ELT
 – Munich, Germany – Fornax, Virgo, Coma et al.
- 2010: – Taipei, Taiwan – 2010 CFHT User Meeting.
 – Venice, Italy – HST: Two Decades and Counting.
 – Seoul, Korea – Galaxy Formation Forum
 – Munich, Germany – Central Massive Objects: The Stellar Nuclei - Black Hole Connection
- 2009: – Rio de Janeiro, Brazil – IAU267: Co-evolution of Central Black Holes and Galaxies
- 2008: – Cefalu, Italy – Probing Stellar Populations Out to the Distance Universe

- Leiden, the Netherlands – Central Mass Concentrations in Galactic Nuclei.
- Bonn, Germany – The Universe Under the Microscope.

PUBLIC LECTURES AND OUTREACH

Galileo Lecturer for the 2009 International Year of Astronomy (seven public talks given across Canada). Several talks given at the Royal Astronomical Society of Canada (Victoria) and other amateur astronomy organizations in Canada, the US and Italy.

VII. OBSERVING EXPERIENCE

Space-based: Over the years, I have been awarded over 40 programs, as PI or CoI, with HST, Chandra, XMM-Newton, Spitzer and Suzaku

Ground-based: Ground based observing experience include optical and infrared imaging and spectroscopic runs at the Keck I & II Telescopes, MMT Observatory, Magellan Telescope, VLT, Gemini Observatory, CFHT, Anglo Australian Telescope; William Hershel Telescope; Infrared Telescope Facility; Palomar 200-inch Hale Telescope and 60-inch Telescope; Kitt Peak 4m and 2.1m Telescopes; MDM 2.4m Telescope. I am the PI of the “Next Generation Virgo Cluster Survey”, a ~900 hour CFHT Large Programme approved for the 2009A-2012A semesters.

VIII. DIDACTICAL EXPERIENCE

CLASSES TAUGHT AND DEVELOPED

Physics 580: Topics in Galaxies University of Victoria, Spring 2007. Graduate class, four lectures.

Physics 441/541: Stars and Star Formation. Rutgers University, Spring 2004. Graduate class.

Physics 109: Astronomy and Cosmology (The Solar System) Rutgers University, Fall 2002. Undergraduate class.

Physics 110: Astronomy and Cosmology (Stars and Galaxies) Rutgers University, Spring 2003 and Fall 2003. Undergraduate class

The Nature of Galactic Cores: Università di Padova, Italy, January 2007. Series of six lectures, taught as part of the upper level undergraduate Astrophysics class.

Galactic Dynamics and the Evolution of Supermassive Black Holes: Università di Padova, Italy, May 2003 and 2005. Series of six lectures, taught as part of an upper level undergraduate Astrophysics class.

Observational Evidence for Supermassive Black Holes: SIGRAV School on Contemporary Relativity and Gravitational Physics, Como, Italy, May 2003. Series of six upper level graduate lectures.

MENTORING

Although NRC is not an academic institution, in my career I have supervised four postdoctoral fellows, five graduate students, and several co-op undergraduate students.

IX. PUBLICATIONS

REFEREED PAPERS (Total citations: 21,693; h-index: 66)

177. Sánchez-Janssen, R., Puzia, T. H., Ferrarese, L., Côt'e, P., Eigenthaler, P., Miller, B., Ordenes-Briceño, Y., Peng, E. W., Ribbeck, K. X., Roediger, J, et al. 2019, MNRAS, in press: How nucleation and luminosity shape faint dwarf galaxies
176. Boselli, A., Fossati, M., Consolandi, G., Amram, P., Ge, C., Sun, M., Anderson, J. P., Boissier, S., Boquien, M., Buat, V., et al. (including Ferrarese, L.), 2018, A&A, 620, 164: A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). IV. A tail of ionised gas in the merger remnant NGC4424
175. Longobardi, A., Peng, E. W., Côté, P., Mihos, J. C., Ferrarese, L., Puzia, T. H., Lançon, A., Zhang, H.-X., Muñoz, R. P., Blakeslee, J. P. Et al. 2018, ApJ, 864, 36: The Next Generation Virgo Cluster Survey (NGVS). XXXI. The Kinematics of Intracluster Globular Clusters in the Core of the Virgo Cluster
174. Boselli, A., Fossati, M., Cuillandre, J. C., Boissier, S., Boquien, M., Buat, V., Burgarella, D., Consolandi, G., Cortese, L., Côté, P., **Ferrarese, L.**, et al. 2018, A&A 615, 114: A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). III. Star formation in the stripped gas of NGC 4254
173. de Boer, T. J. L., Belokurov, V., Koposov, S. E., **Ferrarese, L.**, Erkal, D., Côté, P., Navarro, J. F., MNRAS, 477, 1893: A deeper look at the GD1 stream: density variations and wiggles
172. Ordenes-Briceño, Yasna, Puzia, Thomas H., Eigenthaler, Paul, et al (including **Ferrarese, L.**) 2018, ApJ, 860, 4: The Next Generation Fornax Survey (NGFS). IV. Mass and Age Bimodality of Nuclear Clusters in the Fornax Core Region
171. Fossati, M., Mendel, J. T., Boselli, A., Cuillandre, J. C., Vollmer, B., Boissier, S., Consolandi, G., **Ferrarese, L.**, Gwyn, S., Amram, P. 2018, A&A, 614, 57: A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). II. Constraining the quenching time in the stripped galaxy NGC 4330

170. Boselli, A., Fossati, M., **Ferrarese, L.**, Boissier, S., Consolandi, G., Longobardi, A., Amram, P., Balogh, M., Barmby, P., Boquien, M. 2018, *A&A*, 614, 56: A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE). I. Introduction to the survey
169. Ordenes-Briceño, Yasna, Eigenthaler, Paul, Taylor, Matthew A. et al. (including **Ferrarese, L.**) 2018, *ApJ*, 859, 52: The Next Generation Fornax Survey (NGFS). III. Revealing the Spatial Substructure of the Dwarf Galaxy Population Inside Half of Fornax's Virial Radius
168. Zhang, Hong-Xin, Puzia, Thomas H., Peng, Eric W., Liu, Chengze, Côté, Patrick, **Ferrarese, Laura**, et al. 2018, *ApJ*, 858, 37: Stellar Population Properties of Ultracompact Dwarfs in M87: A Mass–Metallicity Correlation Connecting Low-metallicity Globular Clusters and Compact Ellipticals
167. Toloba, Elisa, Lim, Sungsoon, Peng, Eric, Sales, Laura V., Guhathakurta, Puragra, Mihos, J. Christopher, Côté, Patrick, Boselli, Alessandro, Cuillandre, Jean-Charles, **Ferrarese, Laura** 2018, *ApJ*, 856, 31: Dark Matter in Ultra-diffuse Galaxies in the Virgo Cluster from Their Globular Cluster Populations
166. Cantiello, Michele, Blakeslee, John P., **Ferrarese, Laura**, Côté, Patrick, Roediger, Joel, et al. 2018, *ApJ*, 856, 126: The Next Generation Virgo Cluster Survey (NGVS). XVIII. Measurement and Calibration of Surface Brightness Fluctuation Distances for Bright Galaxies in Virgo (and Beyond)
165. Shipley, Heath V., Lange-Vagle, Daniel, Marchesini, Danilo, Brammer, Gabriel B., **Ferrarese, Laura**, Stefanon, Mauro, et al. 2018, *ApJS*, 235, 14: HFF-DeepSpace Photometric Catalogs of the 12 Hubble Frontier Fields, Clusters, and Parallels: Photometry, Photometric Redshifts, and Stellar Masses
164. Powalka, Mathieu, Puzia, Thomas H., Lançon, Ariane, Longobardi, Alessia, Peng, Eric W. et al. (including **Ferrarese, L.**) 2018, *ApJ*, 856, 84: The Next Generation Virgo Cluster Survey (NGVS). XXXII. A Search for Globular Cluster Substructures in the Virgo Galaxy Cluster Core
163. Eigenthaler, Paul, Puzia, Thomas H., Taylor, Matthew A., Ordenes-Briceño, Yasna, Muñoz, Roberto P., Ribbeck, Karen X., Alamo-Martínez, Karla A., Zhang, Hongxin, Ángel, Simón, Capaccioli, Massimo, Ferrarese, Laura, et al. 2018, *ApJ*, 855, 142: The Next Generation Fornax Survey (NGFS). II. The Central Dwarf Galaxy Population
162. Boissier, S., Cucciati, O., Boselli, A., Mei, S., **Ferrarese, L.** 2017, *A&A*, 611, 42: The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). VII. Brightest cluster galaxy UV upturn and the FUV-NUV color up to redshift 0.35
161. Spengler, Chelsea, Côté, Patrick, Roediger, Joel, **Ferrarese, Laura**, Sánchez-Janssen, Rubén, et al. 2017, *ApJ*, 849, 55: Virgo Redux: The Masses and Stellar Content of Nuclei in Early-type Galaxies from Multiband Photometry and Spectroscopy

160. Parroni, Carolina, Mei, Simona, Erben, Thomas, Van Waerbeke, Ludovic, Raichoor, Anand, et al. (including **Ferrarese, L.**) 2017, ApJ, 848, 114: Next Generation Virgo Cluster Survey. XXI. The Weak Lensing Masses of the CFHTLS and NGVS RedGOLD Galaxy Clusters and Calibration of the Optical Richness
159. Powalka, Mathieu, Lançon, Ariane, Puzia, Thomas H., Peng, Eric W., Liu, Chengze, Muñoz, Roberto P., Blakeslee, John P., Côté, Patrick, **Ferrarese, Laura**, Roediger, Joel, 2017, ApJ, 844, 104: The Next Generation Virgo Cluster Survey (NGVS). XXVI. The Issues of Photometric Age and Metallicity Estimates for Globular Clusters
158. Ouellette, Nathalie N.-Q., Courteau, Stéphane, Holtzman, Jon A., Dutton, Aaron A., Cappellari, Michele, et al. (including **Ferrarese, L.**) 2017, ApJ, 843, 74: The Spectroscopy and H-band Imaging of Virgo Cluster Galaxies (SHIVir) Survey: Scaling Relations and the Stellar-to-total Mass Relation
157. Fantin, Nicholas J., Côté, Patrick, Hanes, David A., Gwyn, S. D. J., Bianchi, Luciana, **Ferrarese, Laura**, Cuillandre, Jean-Charles, McConnachie, Alan, Starkenburg, Else 2017, ApJ, 843, 53: The Next Generation Virgo Cluster Survey. XXVIII. Characterization of the Galactic White Dwarf Population
156. Liu, Chengze, Peng, Eric W., Côté, Patrick, Ferrarese, Laura, Jordán, Andrés, Mihos, J. Christopher, Zhang, Hong-Xin, Muñoz, R. et al. 2017 ApJ, 836, 147
155. **Ferrarese, L.**, Côté, P., et al., 2017, ApJ, in press: The Next Generation Virgo Cluster Survey (NGVS). XIV. The Discovery of Low Mass Galaxies and a New Galaxy Catalog in the Core of the Virgo Cluster
154. Roediger, J.C., **Ferrarese, L.**, Côté, P., et al. 2017, ApJ, 836,120: The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to $\sim 10^6 L_{\odot}$ and Comparisons with Galaxy Formation Models
153. Paudel, S., Smith, R., Duc, P.A., Côté, P., Cuillandre, J.C., **Ferrarese, L.**, et al. 2017, ApJ, 834, 66: The Next Generation Virgo Cluster Survey. XXII. Shell Feature Early-type Dwarf Galaxies in the Virgo Cluster
152. Powalka, M., Lançon, A., Puzia, T.H., Peng, E. W., Liu, C., Muñoz, R. P., Blakeslee, J. P., Côté, P., **Ferrarese, L.**, et al. 2016, ApJ, 227, 12: The Next Generation Virgo Cluster Survey (NGVS). XXV. Fiducial Panchromatic Colors of Virgo Core Globular Clusters and Their Comparison to Model Predictions
151. Liu, Y., Peng, E. W., Lim, S., Jordán, A., Blakeslee, J., Côté, P., **Ferrarese, L.**, Pattarakijwanich, P. 2016, ApJ, 830, 99: The ACS Fornax Cluster Survey. XII. Diffuse Star Clusters in Early-type Galaxies
150. Boissier, S., Boselli, A., **Ferrarese, L.**, et al. 2016, A&A, 593, 126: The properties of the Malin 1 galaxy giant disk. A panchromatic view from the NGVS and GUViCS surveys

149. Powalka, M., Puzia, T. H., Lançon, A., et al. 2016, *ApJ*, 829, 5: New Constraints on a Complex Relation between Globular Cluster Colors and Environment
148. Licitra, R., Mei, S., Raichoor, A., et al. 2016, *ApJ*, 829, 44: The Next Generation Virgo Cluster Survey. XX. RedGOLD Background Galaxy Cluster Detections
147. **Ferrarese, L.**, Côté, P., et al., 2016, *ApJ*, 824, 10: The Next Generation Virgo Cluster Survey (NGVS). XIII. The Luminosity and Mass Function of Galaxies in the Core of the Virgo Cluster and the Contribution from Disrupted Satellites
146. Toloba, E., Li, B., Guhathakurta, P., Peng, E.W., **Ferrarese, L.**, et al. 2016, *ApJ*, 822, 51: The Next Generation Virgo Cluster Survey XVI: The Angular Momentum of Dwarf Early-type Galaxies from Globular Cluster Satellites
145. Shankar, F., Bernardi, M., Sheth, R.K., **Ferrarese, L.**, et al., 2016, *MNRAS*, 460, 3119: Selection bias in dynamically-measured super-massive black holes: its consequences and the quest for the most fundamental relation
144. Sanchez-Janssen, R., **Ferrarese, L.**, MacArthur, L.A., et al. 2016, *ApJ*, 820, 69: The Next Generation Virgo Cluster Survey. VII. The Intrinsic Shapes of Low-luminosity Galaxies in the Core of the Virgo Cluster, and a Comparison with the Local Group
143. Lokhorst, D., Starkeburg, E., McConnachie, A.W., Navarro, J., **Ferrarese, L.**, et al. 2016, *ApJ*, 819, 124: The Next Generation Virgo Cluster Survey. XIX. Tomography of Milky Way Substructures in the NGVS Footprint
142. Boselli, A., Cuillandre, J. C., Fossati, M., Boissier, S., Bomans, D., Consolandi, G., Anselmi, G., Cortese, L., Côté, P., Durrell, P., **Ferrarese, L.**, Fumagalli, M., Gavazzi, G., Gwyn, S., Hensler, G., Sun, M., Toloba, E. 2016, *A&A*, 587, 68: Spectacular tails of ionized gas in the Virgo cluster galaxy NGC 4569
141. Liu, Y., Peng, E.W., Blakeslee, J., Côté, P., **Ferrarese, L.**, Jordán, A., Puzia, T.H., Toloba, E., Zhang, H-X. 2016, *ApJ*, 818, 179: Evidence for the Rapid Formation of Low-mass Early-type Galaxies in Dense Environments
140. Boselli, A., Boissier, S., Voyer, E., **Ferrarese, L.**, Consolandi, G., Cortese, L., Côté, P., Cuillandre, J. C., Gavazzi, G., Gwyn, S., et al. 2016, *A&A*, 585, 2: The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). VI. The UV luminosity function of the Virgo cluster and its surrounding regions.
139. Smith, R., Sánchez-Janssen, R., Beasley, M. A., Candlish, G. N., Gibson, B. K., Puzia, T. H., Janz, J., Knebe, A., Aguerra, J. A. L., Lisker, T., Hensler, G., Fellhauer, M., **Ferrarese, L.**, Yi, S. K., 2015, *MNRAS*, 454, 2502: The sensitivity of harassment to orbit: mass loss from early-type dwarfs in galaxy clusters
138. Jordán, Andrés, Peng, Eric W., Blakeslee, John P., Côté, Patrick, Eyheramendy, Susana, **Ferrarese, Laura**, 2015, *ApJS*, 221, 13: The ACS Fornax Cluster Survey. XI. Catalog of Globular Cluster Candidates

137. Muñoz, Roberto P., Eigenthaler, Paul, Puzia, Thomas H., Taylor, Matthew A., Ordenes-Briceño, Yasna, Alamo-Martínez, Karla, Ribbeck, Karen X., Ángel, Simón, Capaccioli, Massimo, Côté, Patrick, **Ferrarese, Laura**, Galaz, Gaspar, Hempel, Maren, Hilker, Michael, Jordán, Andrés, Lançon, Ariane, Mieske, Steffen, Paolillo, Maurizio, Richtler, Tom, Sánchez-Janssen, Ruben, Zhang, Hongxin, 2015, *ApJ*, 813, 15: Unveiling a Rich System of Faint Dwarf Galaxies in the Next Generation Fornax Survey
136. Liu, Chengze, Peng, Eric W., Toloba, Elisa, Mihos, J. Christopher, **Ferrarese, Laura**, Alamo-Martínez, Karla, Zhang, Hong-Xin, Côté, Patrick, Cuillandre, Jean-Charles, Cunningham, Emily C., et al., 2015, *ApJ*, 812, 2, The Most Massive Ultra-compact Dwarf Galaxy in the Virgo Cluster
135. Liu, Chengze, Peng, Eric W., Côté, Patrick, **Ferrarese, Laura**, Jordán, Andrés, Mihos, J. Christopher, Zhang, Hong-Xin, Muñoz, Roberto P., Puzia, Thomas H., Lançon, Ariane, et al., 2015, *ApJ*, 812, 34: The Next Generation Virgo Cluster Survey. X. Properties of Ultra-compact Dwarfs in the M87, M49, and M60 Regions.
134. Mihos, J. Christopher, Durrell, Patrick R., **Ferrarese, Laura**, Feldmeier, John J., Côté, Patrick, Peng, Eric W., Harding, Paul, Liu, Chengze, Gwyn, Stephen, Cuillandre, Jean-Charles, 2015, *ApJ*, 809, 21: Galaxies at the Extremes: Ultra-diffuse Galaxies in the Virgo Cluster
133. Grossauer, J., Taylor, J., **Ferrarese, L.**, MacArthur, L.A., Côté, P., Roediger, J., Courteau, S., Cuillandre, J.C., Duc, P.A., Durrell, P., Gwyn, S., Jordan, A., Mei, S., Peng, E., 2015, *ApJ*, 807, 88: The Next Generation Virgo Cluster Survey. IX. Estimating the Efficiency of Galaxy Formation on the Lowest Mass Scales.
132. Viaene, S., De Geyter, G., Baes, M., Fritz, J., Bendo, G. J., Boquien, M., Boselli, A., Bianchi, S., Cortese, L., Côté, P., Cuillandre, J.-C., De Looze, I., di Serego Alighieri, S., **Ferrarese, L.**, Gwyn, S. D. J., Hughes, T. M., Pappalardo, C., 2015, *A&A*, 579, 103: NGC 4370: a case study for testing our ability to infer dust distribution and mass in nearby galaxies
131. Li, Biao, Peng, Eric W., Zhang, Hong-xin, Blakeslee, John P., Côté, Patrick, **Ferrarese, Laura**, Jordán, Andrés, Liu, Chengze, Mei, Simona, Puzia, Thomas H., et al., 2015, *ApJ*, 806, 133: A Gemini/GMOS Study of Intermediate Luminosity Early-type Virgo Cluster Galaxies. I. Globular Cluster and Stellar Kinematics
130. Guérou, A., Emsellem, E., McDermid, R. M., Côté, P., **Ferrarese, L.**, Blakeslee, J.P., Durrell, P.R., MacArthur, L.A., Peng, E.W., Cuillandre, J.c., Gwyn, S. 2015, *ApJ*, 804, 70: The Next Generation Virgo Cluster Survey. XII. Stellar Populations and Kinematics of Compact, Low-mass Early-type Galaxies from Gemini GMOS-IFU Spectroscopy.

129. Zhang, H., Peng, E.W., Côté, P., Liu, C., **Ferrarese, L.**, Cuillandre, J.C., Caldwell, N., Gwyn, S., Jordán, A., Lançon, A., et al., 2015, ApJ, 802, 30: The Next Generation Virgo Cluster Survey. VI. The Kinematics of Ultra-compact Dwarfs and Globular Clusters in M87.
128. Durrell, P., Côté, P., Peng, E. W., Blakeslee, J. P., **Ferrarese, L.**, Mihos, J. C., Puzia, T. H., Lançon, A., Liu, C., Zhang, H., et al. 2014, ApJ, 794, 103: The Next Generation Virgo Cluster Survey. VIII. The Spatial Distribution of Globular Clusters in the Virgo Cluster.
127. Raichoor, A., et al. 2014, ApJ, 797, 102: The Next Generation Virgo Cluster Survey. XV. The photometric redshift estimation for background sources.
126. Zhu, L., et al. 2014, ApJ, 792, 59: The Next Generation Virgo Cluster Survey. V. Modeling the Dynamics of M87 with the Made-to-measure Method.
125. Voyer, E., Boselli, A., Boissier, S., Heinis, S., Cortese, L., **Ferrarese, L.**, Cote, P., Cuillandre, J.-C., Gwyn, S. D. J., Peng, E. W. A&A, 569, 124: The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). III. The ultraviolet source catalogs.
124. Onken, C. A., Valluri, M., Brown, J. S., McGregor, P. J., Peterson, B. M., Bentz, M. C., **Ferrarese, L.**, Pogge, R. W., Vestergaard, M., Storchi-Bergmann, T., Riffel, R. A., 2014, ApJ, 791, 37: The Black Hole Mass of NGC 4151. II. Stellar Dynamical Measurement from Near-infrared Integral Field Spectroscopy
123. Lasker, R., **Ferrarese, L.**, van de Ven, G., & Shankar, F. 2014: Supermassive Black Holes and Their Host Galaxies – II. The correlation with near-infrared luminosity revisited, ApJ, 780, 70
122. Lasker, R., **Ferrarese, L.** & van de Ven, G 2014: Supermassive Black Holes and Their Host Galaxies – I. Bulge luminosities from dedicated near-infrared data, ApJ, 780, 69
121. Vanderbeke, J., West, M.J., De Propris, R., Peng, E.W., Blakeslee, J.P., Jordán, A., Côté, P., Gregg, M., **Ferrarese, L.**, Takamiya, M., Baes, M., 2014: G2C2 - II.Integrated colour-metallicity relations for Galactic globular clusters in SDSS passbands, MNRAS, 437, 1734
120. Vanderbeke, J., West, Michael J., De Propris, R., Peng, E.W., Blakeslee, J.P., Jordán, A., Côté, P., Gregg, M., **Ferrarese, L.**, Takamiya, M., Baes, M.2014: G2C2 - I. Homogeneous photometry for Galactic globular clusters in SDSS passbands, MNRAS, 437, 1725
119. Muñoz, R. P., Puzia, T.H., Lançon, A., Peng, E.W., Côté, P., **Ferrarese, L.**, et al. 2013: The Next Generation Virgo Cluster Survey-Infrared (NGVS-IR). I. A New Near-Ultraviolet, Optical, and Near-Infrared Globular Cluster Selection Tool, ApJS, 210, 4

118. Somers, G., Mathur, S., Martini, P., Watson, L., Grier, C.J., **Ferrarese, L.** 2013: Discovery of a Large Population of Ultraluminous X-Ray Sources in the Bulgeless Galaxies NGC 337 and ESO 501-23, *ApJ*, 777, 7
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