

CURRICULUM VITÆ

DANILO MARCHESINI, Ph.D.

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Citizenship:

Italian

Languages:

Italian (native), English (fluent), French (good)

CURRENT POSITION (since September 1st, 2015)

Associate Professor (tenured), Department of Physics and Astronomy, Tufts University

Director of Graduate Studies, Department of Physics and Astronomy, Tufts University

PREVIOUS POSITION

Sep 2009 - Aug 2015: Assistant Professor, Department of Physics and Astronomy, Tufts University

Nov 2004 - Aug 2009: Postdoctoral Associate, Astronomy Department, Yale University

EDUCATION

Oct 2004: Ph.D. in Astrophysics at S.I.S.S.A.-I.S.A.S. (Trieste, Italy)

Thesis title: *“Nuclear Properties of Radio-Loud Active Nuclei and their Unification”*

Advisors: Prof. Laura Ferrarese and Prof. Annalisa Celotti

Sep 2001: Laurea Degree (M. Sci.) in Physics at the Università degli Studi di Milano (Italy)

Thesis title: *“Dark Matter in Late-Type Dwarf and Low Surface Brightness Galaxies”*

Advisors: Prof. Guido Chincarini and Prof. Laura Pasinetti

1995–2001: Undergraduate studies in Physics, Università degli Studi di Milano (Italy)

RESEARCH INTERESTS

- Galaxy formation and evolution; co-evolution of host galaxy and super-massive black hole
- Dark matter distribution in galaxies
- Active galactic nuclei and their unification

HONORS / AWARDS / FELLOWSHIPS

- **2013 Cottrell Scholar Award** from the Research Corporation for Science Advancement
- **2011 Tufts University Mellon Research Funds**
- **2009 European Southern Observatory ESO Fellowship**
- 1st recipient of the *Francesco Zagar Prize* for the best astrophysics thesis in the area of Milan, Astronomical Observatory of Brera (Milan, Italy), 2001.

RESEARCH EXPERIENCE

- **Refereed publications:** 94 publications (10 as first author; 9 from supervised PhD students Mauro Stefanon, Cemile Marsan, Nick Martis, and Andrea Silva; 1 from supervised undergraduate student Erin Kado-Fong; 4 from mentored postdoctoral associates; and 70 as co-author); 8,233 citations, *h*-index=46 (as of April 2019).
- **Accepted proposals:** 19 as Principal Investigator (PI); 3 as Co-PI; 57 as Co-Investigator (Co-I).
- **Visiting observer:** 5 night of near-infrared imaging with MOSFIRE and 2 nights of near-infrared spectroscopy with NIRSPEC at Keck telescope (Hawaii, U.S.A.); 1 night of near-infrared MOS spectroscopy at Subaru telescope (Hawaii, U.S.A.); 1 night of optical MOS spectroscopy with IMACS at Magellan telescope (Las Campanas, Chile); 80 nights of broad- and medium-band near-infrared (J123, H12, K) imaging with NEWFIRM on the 4 m Mayall Telescope (Kitt Peak, NOAO) and the 4 m Blanco Telescope (CTIO, Chile); 7 nights of high-resolution K-band imaging at the 3.6 m WIYN telescope (Kitt Peak, NOAO); 13 nights of near-infrared (YJHK) imaging at the 4 m Blanco Telescope (CTIO, Chile); 4 nights of long-slit optical spectroscopy at the 4 m Mayall Telescope (Kitt Peak, NOAO); 7 nights of optical/NIR imaging and 6 nights of fiber unit (Sparsepak) optical spectroscopy at the 3.5 m WIYN Telescope (Kitt Peak); 7 nights of long-slit optical spectroscopy at the 3.6 m Telescopio Nazionale Galileo (La Palma, Canary Islands); 11 nights of long-slit optical spectroscopy at the 1.5 m Cassini Telescope (Loiano, Italy).
- **Service mode observations:** PI and Co-I of service mode programs at VLT (Chile), Keck Telescope (Hawaii), ALMA (Chile), Large Millimeter Telescope (LMT; Mexico), GTC (Canary Islands), Large Binocular Telescope (Arizona), GEMINI-South (Chile) and GEMINI-North (Hawaii), New Technology Telescope (Chile), TNG (La Palma, Canary Islands), Canada-France-Hawaii Telescope (Hawaii), Magellan Telescopes (Chile), Hubble Space Telescope (satellite), Spitzer Space Telescope (satellite).
- **Conferences/schools:** I have participated in 55 international conferences/schools.
- **Talks:** I have given 112 talks/colloquia at astronomy institutes and conferences.

TEACHING EXPERIENCE

- **Courses taught at Tufts University:** introductory astronomy course for science-majors, **AST21**, “*Galaxies and the Universe*” (Fall 2009, 2010; ~40 students); introductory course for non science-majors, **AST9**, “*Concepts of the Cosmos*” (Spring 2010, 2011, 2013, 2014, 2016 - ~150 students); **PHY11**, *Physics recitations* (Fall 2010; ~40 students); course on stellar structure and stellar evolution for graduate students, **AST121**, “*Stellar Evolution*” (Fall 2012, 7 students; Fall 2014, 5 students; Fall 2016, 5 students; Fall 2017, 10 students); course on stellar structure and evolution for science majors, **AST31**, “*Stellar Structure and Evolution*” (Fall 2015, 9 students; Fall 2017, 10 students; Fall 2018, 7 students); course on stellar evolution for majors in astrophysics, **AST15**, “*Stellar Astrophysics*” (Fall 2013, 7 students; Spring 2015, 10 students); laboratory course in astrophysics, **AST16**, “*Astrophysics Laboratory*” (Spring 2018, 17 students; Spring 2019, 15 students); introductory course for non-science majors in the Chemistry department, **AST6**, “*From the Big Bang to Human Kind*” (Spring 2013, 2014, 2015; 4 astrophysics lessons, ~130 students); independent study “*Special Topics in Astrophysics*” (Fall 2010, Spring 2011; Spring 2013; 4 students); *Directed study course* for graduate students.
- **Course development:** Contributed in designing two courses in astronomy for graduate and advanced undergraduate students at Tufts University: “Galactic Astronomy” (**AST121**) and “Extragalactic Astronomy” (**AST122**); creation of two courses in astronomy for students majoring in astrophysics: “Stellar Structure and Evolution” (**AST31**, formerly **AST15**), and “Astrophysics Laboratory” (**AST16**).
- Introduction of the **PhD track in Astrophysics** at Tufts University.
- **2010-2011 Faculty Fellow** at the Tufts University Center for the Enhancement of Learning and Teaching (CELT).
- Member of the **CELT Learning Spaces Faculty Learning Community**, a group exploring how to facilitate effective learning in new spaces.
- **Contributed to the Cottrell Scholars Collaborative book** “*Effective Practices in Learning and Pedagogy from Cottrell Scholars: How to teach better, save time, and have more fun*”, by Cottrell Scholars Dave Besson, Penny Beuning, and Scott Snyder. Written a section on using Tablet PCs in the classroom, describing benefits, challenges, and providing technical advices.
- Active member of the **Cottrell Scholar Collaborative** project “*Effective Evaluation of Teaching and Learning (EETL) - searching for new approaches to STEM Teaching Evaluation*”
- Active member of the **Cottrell Scholar Collaborative** project “*Assessing Innovations in Science Education: A Cottrell Scholar Collaborative Proposal*”
- Attended the **CAE/CATS Astro 101 Tier I Teaching Excellence Workshop** (218th AAS; Boston, May 2011)
- Attended the **CAE/CATS Tier II Special Topics Workshop: Using Technology in the Classroom** (219th AAS; Austin, January 2012)
- Attended the workshop **Getting Started in Astronomy Education Research** (219th AAS; Austin, January 2012)

- **PhD thesis/Master supervisor** of Tufts University graduate students Cemile Marsan (start date 09/2010 - thesis defended in August 2017), Andrea Silva Bustamante (start date 09/2012 - thesis defended in January 2018); Nicholas Martis (start date 09/2014); Kalina Nedkova (start date 09/2015); Kumail Zaidi (start date 09/2018); PhD thesis supervisor of University of Valencia (Spain) student Mauro Stefanon (defended 12/2011); advisor of 2nd-year PhD students Jesse Jedrusiak; Master Sc. supervisor of Tufts University master students Emily Dare (completed 01/2011), Katie Thorne (completed 06/2012), Catherine Weigel (completed 06/2015), Annie Hedlund (completed 06/2016), Jingjing Huang
- **Member of the PhD Advisory Committee:** Eric Roebuck, Jesse Jedrusiak, Kenny Robbins, Mathew Giso, Nicholas Krefting, Nelaka Govinna, Derek Walkama
- **Member of the PhD Thesis Dissertation Committees** of Aaron Pierce (2010; Department of Education, Tufts University); Benjamin E. Whitehouse (2010; Physics and Astronomy Department, Tufts University)
- **External examiner of M.Sc. thesis** of Cory Wagner (Queen's University, Kingston, Canada)
- **Research supervisor of 20 undergraduate students:** Brett Andrews (Yale University; 2007 Summer project and 2007-2008 Senior Research Project); Natalie Perry (Tufts University; 2010, 2011 summer research projects, and academic year 2010-2011); Laura Costello (Tufts University; academic year 2010-2011); Anjali Shankar, Alex Goldschmidt (Tufts University; summer 2013); Erin Kado-Fong (Tufts University; summer 2014, and academic year 2014-15, 2015-16); Noah Kurinsky (Tufts University; academic year 2013-2014); Daniel Lange-Vagle (Tufts University; academic year 2013-2014, summers 2014; research assistant in 2015-16 and 2016-17); Alek Razdan (Tufts University; Senior Honors Thesis, academic year 2014-2015); Julia Fowler (Tufts University; Spring 2015); Adina Feinstein (Tufts University; summers 2015, 2016; academic years 2016-17, 2017-18); Mitchell Black (Tufts University; academic year 2015-16); James MacDowell (academic year 2016-17); Justin Hudson (summer 2016; academic year 2016-17); Theodore Peña (academic year 2017-18, 2018-19); Danielle Golub (summer 2018); Evan Solomonides (summer 2018); Ailish Egan (academic year 2018-19); Lilianna Houston (academic year 2018-19); Victor Soto Castro (academic year 2018-19)
- **Undergraduate academic advisor:** major advisor of 12 students (Mukesh Ghimire, Erin Kado-Fong, Anna Lei, Mitchell Black, Julia Fowler, Adina Feinstein, James MacDowell, Justin Hudson, Theodore Peña; Courtland Priest, Jacob Whitney, Xiong Joseph); pre-major advisor of 1st-year undergraduate students at Tufts University.
- Involved in the **“I’m First” campaign** at Tufts University
- Public observing nights with the Society of Physics Students at Tufts and students from AST-9 (Spring 2014)
- Outside expert of high-school students' projects (Andrew Winter, Amherst, New Hampshire)
- **Mentor for the Ambrose Elementary School Mentor Program**, giving 4th and 5th graders the chance to step into the shoes of someone who has a career they are curious about and walk around in their world for a short while – students supervised: Erik Bergstrom (2016).

- Contributed to a public observing night “StarNight” at the Brackett Elementary School in Arlington (MA) for K-5 kids and their families; public lectures at elementary schools in the Greater Boston area.

PROFESSIONAL EXPERIENCE

- **Chair** of the NorthEast Participation Group (**NEPG**) of the Prime Focus Spectrograph (**PFS**) collaboration since 2016. NEPG is currently comprised of 7 senior faculty from 5 institutions (Columbia University Tufts University, University of Connecticut, University of Illinois at Urbana-Champaign, University of Pittsburgh).
- Contributor to the **US Extremely Large Telescopes Key Science Program**: “*Resolving Galaxy Formation at Cosmic Noon: Connecting 1 Mpc to 100 pc Scales with GMT & TMT*”
- **Astro2020 Science White Paper** “*Resolving Galaxy Formation at Cosmic Noon*” (co-author)
- **Referee and reviewer** for Astrophysical Journal, the Monthly Notices of the Royal Astronomical Society (MNRAS), Astronomy & Astrophysics, NASA Astrophysics Data Analysis Program, NASA Astrophysics Probes Mission Concept Studies, National Science Foundation, Research Corporation for Science Advancement (Cottrell Scholar awards), for the Netherlands Organization for Scientific Research (NWO), for the NASA Postdoctoral Fellowship, and for the Astronaut Scholarship Foundation (ASF).
- Attended the **Academic Leadership Training Workshop** organized and funded by the Cottrell Scholars Collaborative and the Research Corporation for Science Advancement, to train the next generation of academic leaders.
- Reviewed five chapters of the **astronomy book**: “At Play in the Cosmos” (W. W. Norton & Co.)
- **Invited panelist** of the panel discussion “*Making the Transition from Postdoc to Faculty*” at the 2013 NSF Astronomy and Astrophysics Postdoctoral Fellows symposium.
- Organizer of the Astro-coffee paper discussions at Tufts University (2010-11; 2012-13; 2013-14).
- Organizer of the Astro Lunch Seminar series in the Physics and Astronomy Department at Tufts University (seminars delivered by postdocs and senior graduate students from universities in the Greater Boston Area.)
- Colloquium organizer, Astronomy Department (Yale University, 2007-08), and Tufts University (2010-11); chair and member of the Colloquium committee at Tufts University (2012-13; 2013-14).
- Member of the American Astronomical Society (AAS), the American Association of Variable Stars Observers (AAVSO), and the Massachusetts Space Grant Consortium (MASGC).
- **Committee work at Tufts University**: 1. member of the search committee for a junior faculty in astrophysics (2009-10); 2. Graduate Studies Program [GRASP] (2009-10; 2010-11; 2012-13; 2013-14; co-director 2014-15; director 2015-16, 2016-17, 2017-18, 2018-19); 3. Colloquium committee (Chair 2012-13; 2013-14); 4. Computer and web-site committee (2009-10; 2010-11; 2012-13; 2013-14); 5. Prizes/Honors committee (2010-11; 2013-14; Chair 2014-15); 6. 574 Boston Working Group (2013-14); member of the Committee on Student Life (2010-2011); 7. Athletics Committee (2012-13; 2013-14; 2014-15; 2015-16; 2017-18, 2018-19); 8. Focus Group on Website Development Project; 9. Transfer Credit committee (Fall 2015); 10. Teaching Mentor of junior faculty in the Physics and Astronomy department (2015-16); 11. Preparator for the Tenure & Promotion case

of Anna Sajina (2016); 12. met with interviewed candidates for the position of Research Grant Assistant (2015-16); 13. member of the Policy & Programs Committee of the Graduate School of Arts and Sciences (2015-16, 2016-17, 2017-18, 2018-19); 14. member of the CELT Learning Spaces Faculty Learning Community (2015-16).

- **Mentored Postdoctoral Associates / Research Technician at Tufts:** Dr. Alejandro Bedregal (2 yrs), Dr. Ryan Cybulski (6 months), Dr. Heath Shipley (3 yrs), Dr. Marianna Annunziatella (**current**, 3 yrs), Daniel Lange-Vagle (**current**, 5 yrs).

TECHNICAL KNOWLEDGE

- **Data reduction and analysis:** Extensive experience with designing, carrying out, reducing, and analyzing deep optical, near-infrared, and mid-infrared data (imaging and spectroscopy) from both ground- and space-based observatories. Developed software for optical and near-infrared reduction, multi-waveband photometry, photometric redshifts, spectral energy distribution fitting, and modeling of stellar populations. Extensive experience in the construction of multi-wavelength photometric catalogs from the ultra-violet to the mid-infrared, including both ground- and space-based imaging data. Extensive experience in measuring the luminosity function and the stellar mass function of galaxies, for which I created my own codes. Extensive experience in exploiting the outputs from simulations, such as the Millennium Simulation Project, the GalICS Project, and SPH simulations. Extensive experience in obtaining, reducing, and analyzing optical spectroscopic data and in the modeling of the velocity curves/fields of local galaxies.
- **Programming:** Skilled in programming/scripting/running: IDL, Iraf, SNAP, Hyperz, SExtractor, Galfit, Galaxev, Cloudy, Fortran, EAZY, BPZ, Midas, SuperMongo, FAST, GalPhys, Magphys, Mophongo, Grizli
- **Writing/Presentation:** Proficient in LaTeX, Keynote, PowerPoint, Word, OpenOffice
- **Operating Systems:** Competent in Mac OS X, Linux, Unix, Windows

AWARDED GRANTS

Numbers in bold correspond to the amounts of the grants awarded to Tufts University.
Total awarded grants since beginning of my Tufts appointment: ~\$2.233M (Tufts share).

- **co-I**, Spitzer Space Telescope Cycle-14 Proposal - ID#14045, “*COMPLETE2: Completing the Legacy of Spitzer/IRAC over COSMOS*”; **\$15,000** (2019-2020)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*Counting the Faintest Galaxies in the Richest Environments: The First Measurement of the Faint-end of the Luminosity Function in Clusters of Galaxies at Redshift $z \approx 0.3-0.6$* ”, **\$2,079** (Summer 2017)
- **Co-I**, Hubble Space Telescope Cycle-24 Proposal - AR-14553, “*Grizli: The Grism redshift & Line Database for HST WFC3/IR Spectroscopy*”, **\$218,716** (Nov. 2016 - Oct. 2019; Tufts share)
- **PI**, Tufts University Faculty Research Fund Award - “*1.4 Million Rainbows of Galaxies: Constructing multi-wavelength photometric catalogs of very large surveys*”, **\$6,000** (2016-2017)
- **PI**, Tufts University Faculty Research Grant-In-Aid - “*Galaxies Through the Magnifying Glass: gravitational lensing in the Hubble Frontier Fields*”, **\$1,500** (Summer 2016)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*Quantifying the lensing magnifications and errors of galaxies detected in the Hubble Frontier Fields*”, **\$1,283** (Summer 2016)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*Adding Space-based Spitzer-IRAC Photometry to the VIDEO-CFHTLS Survey Multi-wavelength Catalogs*”, **\$2,750** (Summer 2016)
- **PI**, NASA NNN15ZDA001N-ADAP - Proposal 15-ADAP15-0021, “*Unveiling the Monsters: Characterization of Ultra-massive Galaxies in the Early Universe with IRAC Mapping of the NMBS-II/CFHTLS Fields*”; **\$342,460** (May 2016 - Apr. 2019)
- **PI**, NSF-1513473, “*The Rising of the Dead: When Did Quiescent Galaxies First Appear and What Quenched their Star Formation?*”; **\$395,500** (Sep. 2015 - Aug. 2018)
- **PI**, Hubble Space Telescope Cycle-23 Proposal - AR-14302, “*A Legacy Archive program Providing Optical/NIR-selected Multiwavelength Catalogs and High-level Science Products of the HST Frontier Fields*”, **\$357,342** (Nov. 2015 - Oct. 2018)
- **Co-I**, Hubble Space Telescope Cycle-23 Proposal - GO-14095, “*Calibrating the Dusty Cosmos: $H\alpha$ /Pa β Extinction Maps of Nearby Galaxies*”, **\$101,3000** (2015-2018; Tufts share)
- **Co-I**, Hubble Space Telescope Cycle-23 Proposal - AR-14310, “*The role of quenching and merging in shaping the passive galaxy population in distant clusters*”, **\$9,400** (2015-2018; Tufts share)
- **PI**, NASA-Keck / Jet Propulsion Laboratory - “*Ultra-deep Ks-band Imaging of the Hubble Frontier Fields with Keck-MOSFIRE*”, **\$16,000** (2016)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*Construction of Multi-wavelength Photometric Catalogs of the Hubble Space Telescope Frontier Fields Program*”, **\$2,794** (Summer 2014)
- **PI**, NASA-Keck / Jet Propulsion Laboratory - “*Ultra-deep Ks-band Imaging of the Hubble Frontier Fields with Keck-MOSFIRE*”, **\$16,000** (2015)

- **PI**, Spitzer Space Telescope Cycle-10 Proposal - ID#10084, “*Unveiling the Most Massive Galaxies in the Universe: IRAC Mapping of the NMBSII/CFHTLS Fields*”; **\$5,000** (2015-2016)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*The Evolution of the Star formation - Stellar mass Sequence out to $z=3$ from the UltraVISTA Survey*”, **\$3,100** (Summer 2013)
- **PI**, Research Corporation for Science Advancement, Cottrell Scholar Award 2013 - “*Revealing the Monsters: Characterization of Ultra-massive Galaxies in the Early Universe*”; **\$75,000** (2013)
- **PI**, NASA NNH12ZDA001N-ADAP - Proposal 12-ADAP12-0020, “*NEWFIRM Medium-Band Survey + Herschel PACS-SPIRE: Constraining the infrared properties of a mass-complete sample of 5,000 galaxies at $1 < z < 4$* ”; **\$364,000** (2013-2015)
- **Co-I**, Hubble Space Telescope Cycle-20 Proposal - GO-12990, “*Size Growth at the Top: WFC3 Imaging of Ultra-massive Galaxies at $1.5 < z < 3$* ”, **\$75,000** (2012-2014; Tufts share)
- **PI** Tufts University Mellon Research Funds, “*Constraining the Stellar Initial Mass Function in the Early Universe*”, **\$5,000** (2012)
- **PI**, Hubble Space Telescope Cycle-18 Proposal - AR-12144, “*Constraining the Low-mass End of the Stellar Mass Function at $z \sim 2 - 4$* ”, **\$95,000** (2010-2012)
- **Co-I**, Hubble Space Telescope Cycle-18 Proposal - GO-12177, “*3D-HST: A Spectroscopic Galaxy Evolution Treasury*”, **\$57,000** (2010-2013; Tufts share)
- **Co-I**, Chandra X-ray Observatory Cycle-12 - Proposal #12700687, “*CDFS 4 Msec Stacking: Tracing the History of Obscured Black Hole Accretion*”, \$78,000 (2010-2012)
- **PI**, Massachusetts Space Grant Consortium Fellowship - “*The evolution with redshift of the SEDs of X-ray selected sources*”, **\$800** (Summer 2010)
- **PI**, Tufts University Faculty Research Awards Committee GIA - “*ALFA: a public code to measure galaxy luminosity functions*”, **\$1,500** (2010-2011)
- **PI**, Hubble Space Telescope Cycle-17 Proposal - AR-11764, “*The faint-end slope of the rest-frame optical luminosity function at $z \sim 2 - 3$* ”, **\$63,800** (2009-2010)
- **Co-I**, Hubble Space Telescope Cycle-16 Proposal - GO-11144, “*Building on the significant NICMOS investment in GOODS: a bright, wide-area search for $z > 7$ galaxies*”, \$246,000 (2007-2009)
- **Co-I**, Hubble Space Telescope Cycle-15 Proposal - GO-10808, “*Morphologies of spectroscopically-confirmed red and dead galaxies at $z \sim 2.5$* ”, \$70,000 (2007-2008)
- **Co-I**, Spitzer Space Telescope Cycle-3 Proposal - GO-30873, “*The ages and star formation rates of massive galaxies at $z = 2 - 3$* ” \$75,700 (2006-2009)
- **Co-I**, Spitzer Space Telescope Cycle-2 Proposal - LGO-20708, “*A public deep IRAC survey in the Extended-CDF-South*”, \$240,000 (2006-2008)

SEMINARS AND COLLOQUIA

- ★ Rochester Institute of Technology, School of Physics and Astronomy (Mar 2019)
- ★ Rutgers University, Department of Physics and Astronomy (Nov 2018)
- ★ Astronomical Observatory of Milano, Milano, Italy (Jun 2018)
- ★ Harvard-Smithsonian CfA, Cambridge, MA, U.S.A. (Nov 2017)
- ★ York University, Department of Physics and Astronomy (Oct 2017)
- ★ University of North Carolina – Asheville, Department of Physics (Sep 2017)
- ★ Astronomical Observatory of Trieste, Trieste, Italy (Apr 2017)
- ★ Texas A&M University, Department of Physics and Astronomy (Mar 2017)
- ★ Kavli Institute for the Physics and Mathematics of the Universe, Tokyo, Japan (Dec 2017)
- ★ SISSA/ISAS (Italy) (Sep 2016)
- ★ Boston University, Department of Astronomy (Nov 2015)
- ★ Kavli Institute for the Physics and Mathematics of the Universe, Tokyo, Japan (Oct 2015)
- ★ Public Lecture at the University of Siena (Italy) (July 2015)
- ★ Public Lecture at the Sawyer Free Library in Gloucester (April 2015)
- ★ National Astronomical Observatory of Japan (NAOJ), Tokyo, Japan (Jan 2015)
- ★ Institute for Theory and Computation, Harvard University (Dec 2014)
- ★ University of Cambridge, Kavli Institute for Cosmology, Cambridge, United Kingdom (Dec 2014)
- ★ Public Lecture at the Gloucester Area Astronomy Club (Sep 2014)
- ★ Queen’s University, Kingston, Canada (Sep 2014)
- ★ Public Lecture at the University of Siena (Italy) (Aug 2014)
- ★ Astronomical Observatory of Monte Porzio – Rome, Italy (Jun 2014)
- ★ Tufts University – Boston, MA, U.S.A. (Apr 2014)
- ★ Public lecture at University of Missouri – Columbia, MO, U.S.A. (Apr 2014)
- ★ University of Kansas – Lawrence, KS, U.S.A. (Apr 2014)
- ★ University of California – Berkeley, CA, U.S.A. (Mar 2014)
- ★ Saint’s Mary University, Halifax, Canada (Feb 2014)
- ★ National Astronomical Observatory of Japan (NAJO), Tokyo, Japan (Dec 2013)
- ★ Kavli Institute for the Physics and Mathematics of the Universe, Tokyo, Japan (Nov 2013)
- ★ University of Wisconsin, Madison, WI, U.S.A. (Sep 2013)
- ★ Harvard-Smithsonian CfA, Cambridge, MA, U.S.A. (Apr 2013)
- ★ Laboratoire Astrophysique de Marseille, Marseille, France (May 2012)
- ★ Astronomical Observatory of Padua, Padova, Italy (May 2012)
- ★ Astronomical Observatory of Trieste, Trieste, Italy (May 2012)
- ★ Public Outreach Seminar at the University of Siena, Italy (May 2012)
- ★ DARK Cosmology Center, Copenhagen, Denmark (Apr 2012)
- ★ Institute of Cosmology and Gravitation (University of Portsmouth), United Kingdom (Mar 2012)
- ★ INAF-IASF (University of Milan), Milan, Italy (Mar 2012)
- ★ Leiden Observatory, Leiden, The Netherlands (Mar 2012)
- ★ Astronomical Observatory of Merate, Italy (Mar 2012)
- ★ Max-Planck-Institut für Astronomie, Heidelberg, Germany (Feb 2012)
- ★ Durham University, Institute of Computational Astrophysics, Durham, United Kingdom (Feb 2012)
- ★ Astronomical Observatory, Milan, Italy (Feb 2012)

- ★ Space Telescope Science Institute, Baltimore, MD, U.S.A. (Jan 2012)
- ★ Observatori Astronomic/Universitat de Valencia, Spain (Dec 2011)
- ★ Purdue University, IN, U.S.A. (Nov 2011)
- ★ University of Massachusetts at Amherst, MA, U.S.A. (Mar 2011)
- ★ University of California - Los Angeles, CA, U.S.A (Feb 2011)
- ★ Subaru Telescope Hilo Facility, Hawaii, U.S.A (Feb 2011)
- ★ Herzberg Institute of Astrophysics, Victoria, Canada (Jan 2011)
- ★ University Andres Bello, Santiago, Chile (Jan 2011)
- ★ University of Massachusetts at Dartmouth, MA, U.S.A. (Mar 2010)
- ★ Embury Riddle Aeronautical University, AZ, U.S.A. (Jan 2010)
- ★ Harvard-Smithsonian CfA, Cambridge, MA, U.S.A. (Nov 2009)
- ★ Astronomical Observatory, Bologna, Italy (May 2009)
- ★ Yale University, New Haven, CT, U.S.A. (Apr 2009)
- ★ Tufts University, Boston, MA, U.S.A. (Feb 2009)
- ★ DARK Cosmology Center, Copenhagen, Denmark (Jan 2009)
- ★ Harvard-Smithsonian CfA, Cambridge, MA, U.S.A. (Nov 2008)
- ★ UC Santa Cruz - UCO/Lick, Santa Cruz, CA, U.S.A. (Nov 2008)
- ★ Caltech, Pasadena, CA, U.S.A. (Nov 2008)
- ★ IPAC, Pasadena, CA, U.S.A. (Nov 2008)
- ★ Harvard-CfA, Cambridge, MA, U.S.A. (Oct 2008)
- ★ Princeton University, Princeton, NJ, U.S.A. (May 2008)
- ★ Space Telescope Science Institute, Baltimore, MD, U.S.A. (October 2007)
- ★ ETH, Zurich, Switzerland (September 2007)
- ★ ESO, Garching bei Munich, Germany (September 2007)
- ★ IEEC, Barcelona, Spain (December 2006)
- ★ Observatori Astronomic/Universitat de Valencia, Valencia, Spain (December 2006)
- ★ ESO, Santiago, Chile (April 2006)
- ★ Departamento de Astronomia de la Universidad de Chile, Santiago, Chile (April 2005)
- ★ MPA, Garching bei Munich, Germany (August 2001)

WORKSHOPS/CONFERENCES/MEETINGS/SCHOOLS

- ★ “Massively multiplexed spectroscopy with MSE: Science, Project and vision”, Tucson, AZ, February 2019 → Invited speaker with review talk.
- ★ “The next generation extragalactic millimeter surveys: a planning workshop for public legacy surveys with LMT/TolTEC”. University of Massachusetts, Amherst, MA, October 2018 → Participant with contributed talk.
- ★ “The Universe by the Light of CANDELS: Past and Future”. University of Massachusetts, Amherst, MA, October 2018 → Participant with contributed talk.
- ★ “Distant Galaxies from the Far South”. Bariloche, Argentina, December 2017 → Participant with contributed talk.
- ★ “Annual Prime Focus Spectrograph Collaboration Meeting”. IPMU (Tokyo, Japan), November 2017 → Participant.
- ★ “Summer Prime Focus Spectrograph Collaboration Meeting”. Max-Planck-Institut für Astrophysik (Garching, Germany), August 2017 → Participant.
- ★ “Annual Prime Focus Spectrograph Collaboration Meeting”. Johns Hopkins University, December 2016 → Participant.
- ★ “Panoramas of the Evolving Cosmos – 6th Subaru International Conference”. Hiroshima, Japan, September 2016 → Participant with contributed talk.
- ★ “Deconstructing Galaxies at Cosmic Noon”. Lorentz Center, Leiden, The Netherlands, August 2016 → Invited participant, discussion leader in session “Massive galaxies at high z ”.
- ★ “Massive Beasts of the Cosmos”. Kruger Park, South Africa, July 2016 → Participant with contributed talk.
- ★ “Census, Evolution, Physics”. Yale University, New Haven, CT, November 2015 → Invited participant with contributed talk.
- ★ “Exploring the Universe with JWST”, 49th ESLAB symposium, ESA-ESTEC, Noordwijk (Netherlands), October 2015 → Participant with contributed poster.
- ★ “The Many Pathways to Galaxy Growth”, Prato (Italy), June 2015 → Participant with contributed talk.
- ★ “Back at the Edge of the Universe”, Sintra (Portugal), March 2015 → Participant with contributed talk.
- ★ Workshop “Getting a grip on galactic girths”, Kavli Institute for the Physics and Mathematics of the Universe. Tokyo (Japan), February 2015 → Invited speaker.
- ★ “The Most Massive Galaxies and their Precursors”. Sydney (Australia), February 2015 → Invited speaker.
- ★ “Yale Frontier Fields Workshop – Shedding light on the dark ages and dark matter”. Yale University (New Haven, CT), November 2014 → Participant with contributed poster.
- ★ “3D-HST Collaboration Meeting”. Yale University, New Haven, CT, November 2014 → Invited participant.
- ★ “Galaxy Masses as Constraints of Formation Models”, IAU Symposium 311. Oxford (UK), July 2014 → Participant with poster.

- ★ **2014 Cottrell Scholar Conference:** *“Leading Change – Engaging your students, your colleagues, and the public to transform STEM education”*. **Research Corporation for Science Advancement (Tucson, AZ), July 2014** → Invited participant as 2013 Cottrell Scholar).
- ★ **“Multiwavelength-surveys: Galaxy Formation and Evolution from the Early Universe to Today”**. **Dubrovnik (Croatia), May 2014** → Participant with talk.
- ★ **“3D-HST Collaboration Meeting”**. **MPIA – Heidelberg (Germany), May 2014** → Invited participant with contributed talk.
- ★ **“44th MidAmerican Regional Astrophysics Conference (MARAC 2014)”**. **University of Missouri (Columbia, MO), April 2014** → Invited keynote speaker.
- ★ **“Unveiling the Formation of Massive Galaxies - Theoretical and Observational Challenges”**. **Aspen Center for Physics (Aspen, AZ), February 2014** → Participant with talk.
- ★ **“3D-HST Collaboration Meeting”**. **San Juan (Puerto Rico), October 2013** → Invited participant with contributed talk.
- ★ **“Physical Processes of Galaxy Formation: Consensus and Challenges”**. **9th Marseille Cosmology Conference (Aix-en-Provence, France), July 2013** → Participant with contributed talk.
- ★ **“2013 Cottrell Scholar Conference”**. **Research Corporation for Science Advancement (Tucson, AZ), July 2013** → Invited participant as 2013 Cottrell Scholar.
- ★ **“What Regulates Galaxy Evolution?”**. **Lorentz Center Workshop at the Leiden Observatory (The Netherlands), April 2013** → Invited participant with invited talk.
- ★ **“221st AAS”, Long Beach (CA, U.S.A.), January 2013** → Invited participant at the NSF Astronomy and Astrophysics Postdoctoral Fellow Symposium as expert on the panel discussion on “Making the Transition from Postdoc to Faculty”.
- ★ **“3D-HST Collaboration Meeting”**. **Yale University (CT, USA), October 2012** → Participant with contributed talk.
- ★ **“Theory Goes out on a Limb: Theoretical Predictions for $z>1$ Galaxies”**. **Oort Workshop at the Leiden Observatory (The Netherlands), May 2012** → Invited participant with invited talk.
- ★ **“Re-ionization: When and How?”**, **Milan (Italy), April 2012** → Invited participant.
- ★ **“219th AAS”, Austin (TX, U.S.A.), January 2012** → Participant with contributed poster).
- ★ **“3D-HST Collaboration Meeting”**. **Lorentz Center (Leiden, The Netherlands), May/October 2011** → Participant.
- ★ **“Understanding the Universe at $z = 1 - 3$: Unsolved Problems in Galaxy Evolution”**. **Aspen (CO, U.S.A.), March 2011** → Invited participant with invited review talk.
- ★ **“Spectroscopy 2011: Extending the Limits of Astrophysical Spectroscopy”**. **Victoria (BC, Canada), January 2011** → Participant with contributed poster.
- ★ **“NEWFIRM Medium-Band Survey Collaboration Meeting”**. **Yale University (CT, USA),**

November 2010 → Participant with contributed talk.

★ **“3D-HST Collaboration Meeting”**. Yale University (CT, USA), **September 2010** → Participant.

★ **“NEWFIRM Medium-Band Survey Collaboration Meeting”**. Yale University (CT, USA), **May 2010** → Participant with contributed talk.

★ **“Stellar Populations in the Cosmological Context”**. Space Telescope Science Institute (Baltimore, MD), **May 2010** → Invited participant with invited review talk.

★ **“Evolution of Galaxies from Mass-selected Samples”**. Lorentz Center (Leiden, The Netherlands), **November 2009** → Invited participant with contributed talk.

★ **“Harvesting the Desert: the Universe between redshift 1 and 3”**. Marseille (France), **July 2009** → Participant with contributed talk.

★ **“Unveiling the Mass: Extracting and Interpreting Galaxy Masses”**. Queen’s University (Kingston, Ontario, Canada), **June 2009** → Participant with contributed talk.

★ **“Deep IR Studies of the Distant Universe”**. Lorentz Center (Leiden, The Netherlands), **February 2009** → Invited participant with contributed talk.

★ **“213th AAS”**, Long Beach (CA, U.S.A.), **January 2009** → Participant with contributed talk.

★ **“The Tri-State Astronomy Conference”**, Columbia University (New York, U.S.A.), **October 2008** → Participant with contributed poster.

★ **“Galaxies in Real Life and Simulations”**. Lorentz Center (Leiden, The Netherlands), **September 2008** → Invited participant with contributed talk.

★ **“The First Two Billion Years of Galaxy Formation: The Reionization Epoch and Beyond”**. Aspen Center for Physics (Aspen, U.S.A.), **February 2008** → Participant with contributed talk.

★ **“Galaxy evolution from mass-selected samples”**. Lorentz Center (Leiden, The Netherlands), **January 2008** → Participant with contributed talk.

★ **“A Century of Cosmology”**. S. Servolo (Venice, Italy), **August 2007** → Participant with contributed talk.

★ **“Studies of Infrared Selected Galaxies”**. Lorentz Center (Leiden, The Netherlands), **November 2006** → Participant with contributed talk.

★ **“Massive Galaxies Over Cosmic Time 2”**. Arizona Inn (Tucson, AZ, USA), **November 2006** → Participant with contributed poster.

★ **“MUSYC Collaboration Meeting”**. Yale University (CT, USA), **November 2006** → Participant with contributed talk.

★ **“Yale – Universidad de Chile Meeting”**. Yale University (CT, USA), **May 2006** → Participant with contributed talk.

★ **“The Study of Near-Infrared Selected High-redshift Galaxies”**. Lorentz Center (Leiden, The Netherlands), **Oct. 31st - Nov. 4th, 2005** → Participant with contributed talk.

★ “The Origin of the Hubble Sequence”. Vulcano Island (Italy), 6-12 June, 2005 → Participant with contributed poster.

★ Carnegie Observatories Centennial Symposium I on “Coevolution of Black Holes and Galaxies”. Carnegie Observatories (Pasadena L.A., U.S.A.), 20-25 October, 2002 → Participant with contributed poster.

★ Fifth Italian AGN Meeting on “Inflows, Outflows and Reprocessing around black holes”. Villa Olmo (Como, Italy), 11-14 June, 2002 → Participant with contributed talk.

★ International Workshop on “Tracing Cosmic Evolution with Galaxy Clusters”. Sesto Pusteria (Bolzano, Italy), 3-6 July, 2001 → Participant with contributed poster.

REFEREED PUBLICATIONS

1. N.S. Martis, **D. Marchesini**, A. Muzzin, M. Stefanon, G. Brammer, E. da Cunha, A. Sajina, I. Labbé: “*Stellar and Dust Properties of a Complete Sample of Massive Dusty Galaxies at $1 < z < 4$ from MAGPHYS Modeling of UltraVISTA DR3 and Herschel Photometry*”, 2019, ApJ submitted
2. J.C.C. Chan, G. Wilson, G. Rudnick, A. Muzzin, M. Balogh, J. Nantais, R.F.J. van der Burg, P. Cerulo, A. Biviano, M.C. Cooper, R. Demarco, C. Lidman, A. Noble, L. Old, I. Pintos-Castro, A.M.M. Reeves, K.A. Webb, H.K.C. Yee, M.H. Abdullah, G. De Lucia, **D. Marchesini**, S.L. McGee, M. Stefanon, D. Zaritsky: “*The Rest-frame H-band Luminosity Function of Red Sequence Galaxies in Clusters at $1 < z < 1.3$* ”, 2019, ApJ submitted
3. J. Matharu, A. Muzzin, G.B. Brammer, R.F.J. van der Burg, M.W. Auger, P.C. Hewett, J.C.C. Chan, R. Demarco, P. van Dokkum, **D. Marchesini**, E.J. Nelson, A. Noble, G. Wilson: “*HST/WFC3 grism observations of $z \sim 1$ clusters: poststarburst galaxies and evidence for evolution in the mass-size relation of quiescent galaxies from recently quenched galaxies*”, 2019, MNRAS submitted
4. M. Stefanon, I. Labbé, R.J. Bouwens, P. Oesch, M.L.N. Ashby, K.I. Caputi, M. Franx, J.P.U. Fynbo, G.D. Illingworth, O. Le Fèvre, Olivier; **D. Marchesini**, H.J. McCracken, B. Milvang-Jensen, A. Muzzin, P. van Dokkum: “*The Brightest $z > 8$ Galaxies over the COSMOS UltraVISTA Field*”, 2019, ApJ submitted [arXiv:1902.10713]
5. L. Mowla, P. van Dokkum, G. Brammer, I. Momcheva, A. van der Wel, K. Whitaker, E. Nelson, R. Bezanson, A. Muzzin, M. Franx, J. MacKenty, J. Leja, M. Mariska, **D. Marchesini**: “*COSMOS-DASH: The Evolution of the Galaxy Size-Mass Relation Since $z \sim 3$ from new Wide Field WFC3 Imaging Combined with CANDELS/3DHST*”, 2019, ApJ submitted [arXiv:1808.04379]
6. P. Saracco, F. La Barbera, A. Gargiulo, F. Mannucci, **D. Marchesini**, M. Nonino, P. Ciliegi: “*Age, metallicity, and star formation history of spheroidal galaxies in cluster at $z \sim 1.2$* ”, 2019, MNRAS, 484, 2281
7. J. Matharu, A. Muzzin, G.B. Brammer, R.F.J. van der Burg, M.W. Auger, P.C. Hewett, A. van der Wel, P. van Dokkum, M. Balogh, J.C.C. Chan, R. Demarco, **D. Marchesini**, E.J. Nelson, A. Noble, G. Wilson, H.K.C. Yee: “*HST/WFC3 grism observations of $z \sim 1$ clusters: the cluster versus field stellar mass-size relation and evidence for size growth of quiescent galaxies from minor mergers*”, 2019, MNRAS, 484, 595
8. Z.C. Marsan, **D. Marchesini**, A. Muzzin, G.B. Brammer, R. Bezanson, M. Franx, I. Labbé, B. Lundgren, G. Rudnick, M. Stefanon, P. van Dokkum, D. Wake, K.E. Whitaker: “*HST F160W Imaging of Very Massive Galaxies at $1.5 < z < 3.0$: Diversity of Structures and the Effect of Close Pairs on Number Density Estimates*”, 2019, ApJ, 871, 201
9. M. Annunziatella, **D. Marchesini**, M. Stefanon, A. Muzzin, D. Lange-Vagle, R. Cybulski, I. Labbé, E. Kado-Fong, R. Bezanson, G.B. Brammer, D. Herrera, B. Lundgren, Z.C. Marsan, M. Nonino, G. Rudnick, P. Saracco, T. Tomer, F. Valdes, R.F.J. van der Burg, P. van Dokkum, D. Wake, K.E. Whitaker: “*Complete IRAC Mapping of the CFHTLS-DEEP, MUSYC, and NMBS-II Fields*”, 2018, PASP, 130l4501

10. A. Silva, **D. Marchesini**, J.D. Silverman, R. Skelton, D. Iono, N. Martis, Z.C. Marsan, K. Tadaki, G. Brammer, J. Kartaltepe: “*Galaxy Mergers up to $z < 2.5$. I. The Star Formation Properties of Merging Galaxies at Separations of 3-15 kpc*”, 2018, ApJ, 868, 46
11. R.E. Hviding, G.B. Brammer, I.G. Momcheva, B.F. Lundgren, **D. Marchesini**, N. Pirzkal, R.E. Ryan, A. Vang, D.A. Wake, M. Bourque, C. Martlin, K.V. Nedkova: “*Spatially Extended Low-ionization Emission Regions (LIERs) at $z \sim 0.9$* ”, 2018, ApJ, 868, 16
12. H.V. Shipley, D. Lange-Vagle, **D. Marchesini**, G.B. Brammer, L. Ferrarese, M. Stefanon, E. Kado-Fong, K.E. Whitaker, P.A. Oesch, A.D. Feinstein, I. Labbé, B. Lundgren, N. Martis, A. Muzzin, K. Nedkova, R. Skelton, A. van der Wel: “*HFF-DeepSpace Photometric Catalogs of the 12 Hubble Frontier Fields, Clusters, and Parallels: Photometry, Photometric Redshifts, and Stellar Masses*”, 2018, ApJS, 235, 14
13. T. Schrabback, M. Schirmer, R.F.J. van der Burg, H. Hoekstra, A. Buddendiek, D. Applegate, M. Bradac, T. Eifler, T. Erben, M.D. Gladders, B. Hernández-Martín, H. Hildebrandt, A. Hoag, D. Klaes, A. von der Linden, **D. Marchesini**, A. Muzzin, K. Sharon, M. Stefanon: “*Precise weak lensing constraints from deep high-resolution K_S images: VLT/HAWK-I analysis of the super-massive galaxy cluster RCS2 J 232727.7-020437 at $z=0.70$* ”, 2018, A&A, 610A, 85
14. A.R. Hill, A. Muzzin, M. Franx, **D. Marchesini**: “*The Mass Growth and Stellar Ages of Galaxies: Observations versus Simulations*”, 2018, ApJL, 849, 26
15. M. Stefanon, R.J. Bouwens, I. Labbé, A. Muzzin, **D. Marchesini**, P. Oesch, V. Gonzalez: “*The rest-frame optical (900nm) galaxy luminosity function at $z \sim 4 - 7$: abundance matching points to limited evolution in the $M_{\text{star}}/M_{\text{halo}}$ ratio at $z > 4$* ”, 2017, ApJ, 843, 36
16. Z.C. Marsan, **D. Marchesini**, G.B. Brammer, S. Geier, E. Kado-Fong, I. Labbé, A. Muzzin, M. Stefanon: “*A spectroscopic Follow-up Program of Very Massive Galaxies at $3 < z < 4$: Confirmation of Spectroscopic Redshifts, and a High Fraction of Powerful AGNs*”, 2017, ApJ, 842, 21
17. A. Pope, A. Montana, A. Battisti, M. Limousin, **D. Marchesini**, G.W. Wilson, S. Alberts, I. Aretxaga, V. Avila-Reese, J.R. Bermejo-Climent, G. Brammer, H. Bravo-Alfaro, D. Calzetti, R.-R. Chary, R. Cybulski, M. Giavalisco, D. Hughes, E. Kado-Fong, E. Keller, A. Kirkpatrick, I. Labbé, D. Lange-Vagle, J. Lowenthal, E. Murphy, P. Oesch, D.R. Gonzalez, D. Sanchez-Arguelles, H. Shipley, M. Stefanon, O. Vega, K. Whitaker, C.C. Williams, M. Yun, J. Zavala, M. Zeballos: “*Early Science with the Large Millimeter Telescope: Detection of Dust Emission in Multiple Images of a Normal Galaxy at $z > 4$ Lensed by a Frontier Fields Cluster*”, 2017, ApJ, 838, 137
18. E. Kado-Fong, **D. Marchesini**, Z.C. Marsan, A. Muzzin, R. Quadri, G. Brammer, R. Bezanson, I. Labbé, B. Lundgren, G. Rudnick, M. Stefanon, T. Tal, D. Wake, R. Williams, K.E. Whitaker, P. van Dokkum: “*Near-infrared spectroscopy of 5 ultra-massive galaxies at $1.7 < z < 2.7$* ”, 2017, ApJ, 838, 57
19. A.R. Hill, A. Muzzin, M. Franx, B. Clauwens, C. Schreiber, **D. Marchesini**, M. Stefanon, I. Labbé, G. Brammer, K. Caputi, J. Fynbo, B. Milvang-Jensen, R.E. Skelton, P. van Dokkum, K.E. Whitaker: “*The mass, colour, and structural evolution of today’s massive galaxies since $z \sim 5$* ”, 2017, ApJ, 837, 147

20. M. Bonato, A. Sajina, G. De Zotti, J. McKinney, I. Baronchelli, M. Negrello, **D. Marchesini**, E. Roebuck, H. Shipley, N. Kurinsky, A. Pope, A. Noriega-Crespo, L. Yan, A. Kirkpatrick: “*Exploring the evolution of star formation and dwarf galaxy properties with JWST/MIRI serendipitous spectroscopic surveys*”, 2017, ApJ, 836, 171
21. P. Saracco, A. Gargiulo, F. Ciocca, **D. Marchesini**: “*Cluster and field elliptical galaxies at $z \sim 1.3$. The marginal role of the environment and the relevance of the galaxy central regions*”, 2017, A&A, 597A, 122
22. G.B. Brammer, **D. Marchesini**, I. Labbé, L. Spitler, D. Lange-Vagle, E.A. Barker, M. Tanaka, A. Fontana, A. Galametz, A. Ferré-Mateu, T. Kodama, B. Lundgren, N. Martis, A. Muzzin, M. Stefanon, S. Toft, A. van der Wel, B. Vulcani, K.E. Whitaker: “*Ultra-deep K_S -band Imaging of the Hubble Frontier Fields*”, 2016, ApJS, 226, 6
23. N.S. Martis, **D. Marchesini**, G.B. Brammer, A. Muzzin, I. Labbé, I.G. Momcheva, R.E. Skelton, M. Stefanon, P.G. van Dokkum, K.E. Whitaker: “*The Evolution of the Fractions of Quiescent and Star-forming Galaxies as a Function of Stellar Mass Since $z = 3$: Increasing Importance of Massive, Dusty Star-forming Galaxies in the Early Universe*”, 2016, ApJ Letter, 827, 25
24. S. Bellstedt, C. Lidman, A. Muzzin, M. Franx, S. Guatelli, A.R. Hill, H. Hoekstra, N. Kurinsky, I. Labbé, **D. Marchesini**, Z.C. Marsan, M. Safavi-Naeni, C. Sifón, M. Stefanon, J. van de Sande, P. van Dokkum, C. Weigel: “*The evolution in the stellar mass of Brightest Cluster Galaxies over the past 10 billion years*”, 2016, MNRAS, 460, 2862
25. I.G. Momcheva, G.B. Brammer, P.G. van Dokkum, R.E. Skelton, K.E. Whitaker, E.J. Nelson, M. Fumagalli, M.V. Maseda, J. Leja, M. Franx, H.-W. Rix, R. Bezanson, E. Da Cunha, C. Dickey, N. M. Förster Schreiber, G. Illingworth, M. Kriek, I. Labbé, J.U. Lange, B. F. Lundgren, D. Magee, **D. Marchesini**, P. Oesch, C. Pacifici, S.G. Patel, S. Price, T. Tal, D.A. Wake, A. van der Wel, S. Wuyts: “*The 3D-HST Survey: Hubble Space Telescope WFC3/G141 grism spectra, redshifts, and emission line measurements for $\sim 100,000$ galaxies*”, 2016, ApJS, 225, 27
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27. T. Tal, R.F. Quadri, A. Muzzin, **D. Marchesini**, M. Stefanon: “*Cookie-cutter halos: the remarkable constancy of the stellar mass function of satellite galaxies at $0.2 < z < 1.2$* ”, 2014, ApJ submitted [arXiv:1405.4856]
28. M. Stefanon, **D. Marchesini**, A. Muzzin, G. Brammer, J.S. Dunlop, M. Franx, J.P.U. Fynbo, I. Labbé, B. Milvang-Jensen, P.G. van Dokkum: “*Stellar Mass Functions of Galaxies At $4 < z < 7$ from an IRAC-selected Sample in Cosmos/Ultravista: Limits on the Abundance of Very Massive Galaxies*”, 2015, ApJ, 803, 11
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31. M. Fumagalli, I. Labbé, S.G. Patel, M. Franx, P. van Dokkum, G. Brammer, E. da Cunha, N.M. Förster Schreiber, M. Kriek, R. Quadri, H.W. Rix, D. Wake, K.E. Whitaker, B. Lundgren, **D. Marchesini**, M. Maseda, I. Momcheva, E. Nelson, C. Pacifici, R.E. Skelton: “*How dead are dead galaxies? Mid-Infrared fluxes of quiescent galaxies at redshift $0.3 < z < 2.5$: implications for star formation rates and dust heating*”, 2014, ApJ, 796, 35
32. R. E. Skelton, K. E. Whitaker, I. G. Momcheva, G. B. Brammer, P. G. van Dokkum, I. Labbé, M. Franx, A. van der Wel, R. Bezanson, E. Da Cunha, M. Fumagalli, N. Förster Schreiber, M. Kriek, J. Leja, B. F. Lundgren, D. Magee, **D. Marchesini**, M. V. Maseda, E. J. Nelson, P. Oesch, C. Pacifici, S. G. Patel, S. Price, H.-W. Rix, T. Tal, D. A. Wake, S. Wuyts: “*3D-HST WFC3-selected Photometric Catalogs in the Five CANDELS/3D-HST Fields: Photometry, Photometric Redshifts and Stellar Masses*”, 2014, ApJS, 214, 24
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PRESS RELEASES

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