
CONTACT INFORMATION	International Centre for Radio Astronomy Research The University of Western Australia ICRAR-M468 35 Stirling Hwy, Crawley, WA 6009	<i>Phone:</i> +61 (0)8 6488 3663 <i>E-mail:</i> luca.cortese@uwa.edu.au
------------------------	---------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------

EMPLOYMENT	<p>Senior Research Fellow September 2015 to present ICRAR/The University of Western Australia, Australia</p> <p>Research Fellow January 2015 to August 2015 Swinburne University of Technology, Australia</p> <p>Research Associate July 2013 to December 2014 Swinburne University of Technology, Australia</p> <p>Postdoctoral Fellow August 2010 to June 2013 European Southern Observatory, Germany</p> <p>Postdoctoral Research Associate January 2006 to June 2010 Cardiff University, UK</p>
------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

EDUCATION	<p>Ph.D. in <i>Physics & Astronomy and Rayonnement et Plasmas</i> December 2005 University of Milano-Bicocca (Italy) & University of Provence (France) Thesis: <i>Environmental effects on galaxy evolution in nearby clusters</i> Supervisors: <i>Prof. G.Gavazzi & Dr. A.Boselli.</i></p> <p>B.S. in <i>Physics</i> June 2002 University of Milano-Bicocca (Italy) Thesis: <i>Star formation activity in two nearby clusters of galaxies: Coma & A1367.</i> Supervisor: <i>Prof. G.Gavazzi.</i></p>
-----------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

GRANTS	<p>University of Western Australia Research Collaboration Award, CI, 2017 (\$12.5k)</p> <p>Australia-Korea Foundation Research collaboration grant (<i>Galaxy evolution across environments</i>), CI, 2016 (\$13.8k)</p> <p>Australian Research Council Discovery Project (<i>How do galaxies in groups run out of gas?</i>), CI, 2015 (\$326k)</p> <p>Swinburne University of Technology Top-up contribution to Discovery Project, 2015 (\$10k)</p> <p>Major awards as Leading Investigator at space-based facilities XMM Telescope - AOT11, 2011 (~\$6k) Herschel Space Telescope - OT1, 2010 (~\$24k) Galaxy Evolution Explorer - Cycle 6 Legacy, 2009 (~\$40k)</p> <p>Distinguished Visitor Grant Australia Telescope National Facility, July-August 2012 (\$1k)</p> <p>Marie Curie Intra-European Fellowship (declined) 2nd ranked proposal in the Physics category, 2010</p> <p>Travel Grant C R Barber Trust Fund grant for attending the 209th AAS meeting, 2006 (\$1k)</p> <p>Bourses de thèse en co-tutelle 2 year grant. Université franco-italienne, 2003 (Euro 6k)</p> <p>Ph.D. Fellowship in Physics & Astronomy Winner as 1st ranked, University of Milano-Bicocca, 2002</p>
--------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

AWARDS

Astronomical Society of India

Vainu Bappu Memorial Gold Medal 2012, to be awarded in 2015
For significant contributions to observational extragalactic astronomy

Swinburne Vice-Chancellor's Award

Highly commended mention in Research Excellence, 2014

Science Award

NVO Summer school, 2006

SUPERVISION

Postdoctoral Research Associate

S. Janowiecki. The University of Western Australia, 2015-
R. Bassett. The University of Western Australia, 2016-2017
K. Gereb. Swinburne University, 2014-

Ph.D. students

T. Brown, associate supervisor. Swinburne University, 2014-
T. M. Hughes, main supervisor. Cardiff University, 2007-2010

Undergraduate students

Supervision of 3rd and 4th year project students. Cardiff University, 2008-2010

Summer students

ICRAR Summer studentship program. University of Western Australia, 2016
Nuffield Program. Cardiff University, 2008

TEACHING &
OUTREACH

Undergraduate Teaching

Research & Development Project 1, Swinburne University, 2015

Project design, supervision and grading

Topics in Astronomy. Cardiff University, 2008

Lecturer, project supervision and grading

Galaxies. Cardiff University, 2007-2010

Lecturer

Astrophysics Laboratory. University of Milano-Bicocca, 2003-2005

Lecturer, lab. demonstrations, training at the telescope and grading

Post-graduate Teaching

Advanced Optical Astronomy, University of Western Australia. 2016-

Lecturer

Swinburne Astronomy Online. 2014-

Project design, supervision and grading

Extragalactic Astronomy. Cardiff University, 2007-2010

Lecturer

Outreach

Regular radio interviews for *SBS-Italy*. 2015-

Contributions to the *Swinburne Astronomy Online Newsletter*. 2014

Research in Residence program. Cardiff, 2008

LEADERSHIP &
MANAGEMENT
ROLES

International Survey Teams

SAMI Galaxy Survey

Science Coordinator, 2016-

Quality Control Working Group, Deputy Coordinator, 2014-

Galaxy Transformation Working Group, Coordinator, 2013-

GALEX Ultraviolet Virgo Cluster Survey

Core team member, co-led survey planning, 2010-

Herschel Reference Survey (Herschel GT key program)

Principal Investigator of PACS and GALEX Legacy follow-up and
responsible for the planning of SPIRE observations, 2008-

Herschel Virgo Cluster Survey (Herschel OT key program)

Management team member, responsible for multiwavelength follow-up, 2008-

University Roles

Diversity and Equity Committee member, University of Western Australia, 2017-
PhD students mentor, University of Western Australia, 2016-
PhD students review panels, University of Western Australia, 2017-
Postdoc representative at CAS/Swinburne Academic staff meetings, 2013-2015
PhD students review panels, Swinburne University of Technology, 2013-2015
PhD students selection committee, Swinburne University of Technology, 2013

Conference/Meeting Organization

Scientific Organizing Committee

The Many Pathways to Galaxy Growth, Prato, Jun. 2015
Resolved and unresolved stellar populations, ESO, Oct. 2014
The Role of Hydrogen in the Evolution of Galaxies, Kuching, Sept. 2014
GALEX Fest: Exploring the UV Universe, Pasadena, Sept. 2012

Local Organizing Committee

The Role of Hydrogen in the Evolution of Galaxies, Kuching, Sept. 2014
ALMA Community Days, ESO, Apr. 2011 & Jun. 2012
Fornax, Virgo, Coma et al., ESO, Jul. 2011
The impact of Herschel surveys on ALMA Early Science, ESO, Nov. 2010
IAU Symposium 244 *Dark Galaxies and Lost Baryons*, Cardiff, Jun. 2007

Seminar Organizer

Weekly Astronomy Seminars, University of Western Australia, 2016-
Astro-ph Coffee, Swinburne University of Technology, 2013-
Weekly Astronomy Seminars, Cardiff University, 2007-2009

PROFESSIONAL ACTIVITIES

Telescope TAC

Keck Telescope (Swinburne time), 2014-2015
International Time Programmes at the ING observatory (external reviewer), 2012
Canada French Hawaii Telescope (external reviewer), 2011, 2012, 2015

Users Committee

Australian Astronomical Observatory, 2014-2017

Grant Peer Reviewer

Australia Research Council - Discovery scheme, 2016-
Royal Society - Short Visit scheme, 2008

Journal Referee

A&A, ApJ, ApJS, MNRAS, PASJ and Science, 2006-

Duty work at the European Southern Observatory

ALMA Astronomer on Duty, 2011-2012

PROFESSIONAL MEMBERSHIPS

Australian SKA Team, 2014-

Australian Astronomical Society, 2013-

SAMI Galaxy Survey, 2013-

WALLABY (Widefield ASKAP L-Band Legacy All-sky Blind Survey), 2013-

xGASS (Low mass extension of the GASS survey), 2012-

COLD GASS (CO Legacy Database for GASS), 2010-

GUViCS (GALEX Ultraviolet Virgo Survey), 2010-

HRS (Herschel Reference Survey), 2008-

H-ATLAS (Herschel Astrophysical Terahertz Large Area Survey), 2008-

HeViCS/HeFoCS (Herschel Virgo/Fornax Cluster Surveys), 2008-

SAG2 (SPIRE Specialist Astronomy Group 2), 2007-

AGES (Arecibo Galaxy Environment Survey), 2006-2010

GALEX (Galaxy Evolution Explorer) mission, 2004-2011

OBSERVING
EXPERIENCE

Optical Astronomy

Extensive experience with optical broad-band and H α narrow-band imaging, long-slit, MOS and IFU spectroscopy of nearby galaxies. In particular with the 1.5m Loiano telescope, the 4.2m WHT, the 1.93m OHP telescope and the 3.6m ESO telescope.

Millimeter & Sub-millimeter Astronomy

Two weeks observing experience with ALMA as ESO Astronomer on Duty.
Experience with the IRAM 30m telescope (MAMBO and EMIR receivers).

Radio Astronomy

Experience with single-dish HI-line spectroscopy with the 305m Arecibo radio telescope, using both the L-band wide and the ALFA multi-beam receivers.

OBSERVING
PROPOSALS

Awarded time as P.I.

XMM-Newton, GALEX (Legacy proposal), VLT, NTT, TNG, WHT, Herschel, JCMT, IRAM, VLA

Awarded time as Co.I.

XMM-Newton, GALEX, Keck, VLT, NTT, INT, Kitt Peak, OHP, TNG, ANU, Spitzer, Herschel, IRAM, APEX, JCMT, Arecibo, ATCA, VLA, GMRT, Nobeyama, ALMA

INVITED TALKS &
COLLOQUIA

Yonsei University: *Galaxy Transformation in the local Universe* (2016)

The Changing Face of Galaxies (conference held in Hobart, Australia): *What are the physical reasons behind morphological transformations at $z \approx 0$?* (2016)

The Interplay between Local and Global Processes in Galaxies (conference held in Cozumel, Mexico): *ISM and dynamical scaling relations in the local Universe* (2016)

University of Melbourne: *Galaxy Transformation in the local Universe* (2014)

Australian Astronomical Observatory: *Galaxy Transformation and Quenching in the local Universe* (2014)

University of Sydney: *Galaxy Transformation and Quenching in the local Universe* (2014)

International Centre for Radio Astronomy Research, Perth: *The effect of the cluster environment on the star formation cycle of nearby galaxies* (2013)

The Physics of Star Formation and its Role in Galaxy Evolution (conference held in Trieste): *The effect of the cluster environment on the star formation cycle of nearby galaxies* (2012)

Swinburne University of Technology: *The Herschel Reference Survey: Gas, Dust, Star formation and Metals in the local Universe* (2012)

University of Sydney: *The Herschel Reference Survey: Gas, Dust, Star formation and Metals in the local Universe* (2012)

ATNF, Sydney: *The Herschel Reference Survey: Gas, Dust, Star formation and Metals in the local Universe* (2012)

University of Hertfordshire: *The Herschel Reference Survey: Gas, Dust, Star formation and Metals in the local Universe* (2012)

Universidad de Concepcion: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

Joint ALMA Observatory, Santiago: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

University of Innsbruck: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

ALMA Community Days (conference held in Garching): *Extragalactic Astronomy with ALMA* (2011)

Netherlands Institute for Radio Astronomy, ASTRON: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

Osservatorio Astronomico di Arcetri, Firenze: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2011)

Max Planck Institute for Extragalactic Astronomy, Garching: *The role of the cluster environment on the star formation cycle of nearby galaxies* (2010)

Liverpool John Moores University: *Evolutionary paths to and from the red sequence at $z \sim 0$* (2010)

Galaxy Formation (conference held in Sesto): *Evolutionary paths to and from the red sequence at $z \sim 0$* (2009)

Nottingham University: *Evolutionary paths to and from the red sequence at $z \sim 0$* (2009)

Oxford University: *Evolutionary paths to and from the red sequence at $z \sim 0$* (2008)

Max Planck Institute for Astronomy, Heidelberg: *Star formation quenching in nearby spiral galaxies* (2008)

University of Hertfordshire: *The role of the environment on galaxy evolution* (2008)

Observatoire de Marseille-Provence: *The properties and evolution of late type galaxies in galaxy clusters* (2007)

Cardiff University: *The Ultraviolet side of the local Universe: Unveiling the evolution of nearby galaxy using GALEX* (2007)

National Astronomy and Ionosphere Center (Arecibo Observatory): *Galaxy Preprocessing in the local Universe: the case of a starbursting group infalling into Abell1367* (2006)

Cardiff University: *The role of the environment on the evolution of galaxies in nearby clusters* (2005)

Osservatorio Astronomico di Brera: *A starbursting group infalling into Abell1367* (2004)

First & Second Author Publications

35. **Cortese L.**, Fogarty L. M. R., Bekki K., van de Sande J., Couch W., Catinella B., Colless M., Obreschkow D., Taranu D., Tescari E., Barat D., Bland-Hawthorn J., Bloom J., Bryant J. J., Cluver M., Croom S. M., Drinkwater M. J., d'Eugenio F., Konstantopoulos I. S., Lopez-Sanchez A., Mahajan S., Scott N., Tonini C., Wong O. I., Allen J. T., Brough S., Goodwin M., Green A. W., Ho I.-T., Kelvin L. S., Lawrence J. S., Lorente N. P. F., Medling A. M., Owers M. S., Richards S., Sharp R., Sweet S. M., 2016, MNRAS, 463, 170
The SAMI Galaxy Survey: the link between angular momentum, optical morphology
34. **Cortese L.**, Bekki K., Boselli A., Catinella B., Ciesla L., Hughes T. M., Baes M., Bendo G. J., Boquien M., de Looze I., Smith M. W. L., Spinoglio L., Viaene S., 2016, MNRAS, 459, 3574
The selective effect of environment on the atomic, molecular gas-to-dust ratio of nearby galaxies in the Herschel Reference Survey
33. Catinella B., **Cortese L.**, 2015, MNRAS, 446, 3526
HIGHz: A Survey of the Most HI-Massive Galaxies at $z \sim 0.2$
32. **Cortese L.**, Fogarty L. M. R., Ho I.-T., Bekki K., Bland-Hawthorn J., Colless M., Couch W., Croom S. M., Glazebrook K., Mould J., Scott N., Sharp R., Tonini C., Allen J. T., Bloom J., Bryant J. J., Cluver M., Davies R. L., Drinkwater M., Goodwin M., Green A., Kewley L. J., Kostantopoulos I. S., Lawrence J. S., Mahajan S., Medling A. M., Owers M., Richards S. N., Sweet S. M., Wong O. I., 2014, ApJL, 795, L37
The SAMI Galaxy Survey: Toward a unified dynamical scaling relation for galaxies of all types
31. **Cortese L.**, Fritz J., Bianchi S., Boselli A., Ciesla L., Bendo G. J., Boquien M., Rousset H., Baes M., Buat V., Clemens M., Cooray A., Cormier D., Davies J. I., De Looze I., Eales S. A., Fuller C., Hunt L. K., Madden S., Munoz-Mateos J., Pappalardo C., Pierini D., Rémy-Ruyer A., Sauvage M., di Serego Alighieri S., Smith M. W. L., Spinoglio L., Vaccari M., Vlahakis C., 2014, MNRAS, 440, 942
PACS photometry of the Herschel Reference Survey – Far-infrared/sub-millimeter colours as tracers of dust properties in nearby galaxies
30. Boselli A., **Cortese L.**, Boquien M., Boissier S., Catinella B., G. Gavazzi, Lagos C., Saintonge A. 2014, A&A, 564, 67
Cold gas properties of the Herschel Reference Survey. III. Molecular gas stripping in cluster galaxies
29. Boselli A., **Cortese L.**, Boquien M., Boissier S., Catinella B., Lagos C., Saintonge A. 2014, A&A, 564, 66
Cold gas properties of the Herschel Reference Survey. II. Molecular and total gas scaling relations
28. Boselli A., **Cortese L.**, Boquien M., 2014, A&A, 564, 65
Cold gas properties of the Herschel Reference Survey. I. 12CO(1-0) and HI data
27. Hughes T. M., **Cortese L.**, Boselli A., Gavazzi G., Davies J. I., 2013, A&A, 550, 115
The role of cold gas and environment on the stellar mass - metallicity relation of nearby galaxies
26. **Cortese L.**, Boissier S., Boselli A., Bendo G. J., Buat V., Davies J. I., Eales S., Heinis S., Isaak K. G., Madden S. C., 2012, A&A, 544, 101
The GALEX view of the Herschel Reference Survey - Ultraviolet structural properties of nearby galaxies

25. **Cortese L.**, 2012, A&A, 543, 132
Are passive red spirals truly passive? - The current star formation activity of optically-red disc galaxies
24. **Cortese L.**, Ciesla L., Boselli A., Bianchi S., Gomez H., Smith M. W. L., Bendo G. J., Eales S., Pohlen M., Baes M., Corbelli E., Davies J. I., Hughes T. M., Hunt L. K., Madden S. C., Pierini D., di Serego Alighieri S., Zibetti S., Boquien M., Clements D. L., Cooray A., Galametz M., Magrini L., Pappalardo C., Spinoglio L., Vlahakis C., 2012, A&A, 540, 52
The dust scaling relations of the Herschel Reference Survey
23. Scott T. C., **Cortese L.**, Brinks E., Bravo-Alfaro H., Auld R., Minchin R., 2012, MNRAS, 419, L19
Two long HI tails in the outskirts of Abell 1367
22. Dariush A., **Cortese L.**, Eales S., Pascale E., Smith M. W. L., Dunne L., Dye S., Scott D., Auld R., Baes M., Bland-Hawthorn J., Buttiglione S., Cava A., Clements D. L., Cooray A., DeZotti G., Driver S., Fritz J., Gomez H. L., Hopkins A., Hopwood R., Ivison R. J., Jarvis M. J., Jones D. H., Kelvin L., Khosroshahi H. G., Liske J., Loveday J., Maddox S., Madore B. F., Michalowski M. J., Norberg P., Phillipps S., Pohlen M., Popescu C. C., Robotham A. S. G., Rodighiero G., Prescott M., Rigby E., Seibert M., Smith D. J. B., Temi P., Tuffs R. J., van der Werf P., 2011, MNRAS, 418, 64
The environment and characteristics of low redshift galaxies detected by the Herschel-ATLAS
21. **Cortese L.**, Catinella B., Boissier S., Boselli A., Heinis S., 2011, MNRAS, 415, 1797
The effect of the environment on the HI scaling relations
20. Pohlen M., **Cortese L.**, Smith M. W. L., Eales S. A., Boselli A., Bendo G. J., Gomez H. L., Papageorgiou A. & SAG2 team (52 coauthors), 2010, A&A, 518, L66
Radial distribution of gas and dust in spiral galaxies . The case of M 99 (NGC 4254) and M 100 (NGC 4321)
19. **Cortese L.** Bendo G. J., Boselli A., Davies J. I., Gomez H. L., Pohlen M. & SAG2 team (53 coauthors) 2010, A&A, 518, L63
Herschel-SPIRE observations of the disturbed galaxy NGC4438
18. **Cortese L.** Davies J. I., Pohlen M., Baes M., Bendo G. J., Bianchi S., Boselli A., De Looze I., Fritz J., Verstappen J. & HeViCS team (20 coauthors) 2010, A&A, 518, L49
The Herschel Virgo Cluster Survey: II. Truncated dust disks in HI-deficient spirals
17. **Cortese L.**, Bendo G. J., Isaak K. G., Davies J. I., Kent B. R., 2010, MNRAS, 403, L26
Diffuse far-infrared and ultraviolet emission in the NGC4435/4438 system: tidal stream or Galactic cirrus?
16. **Cortese L.** & Hughes T. M., 2009, MNRAS, 400, 1225
Evolutionary paths to and from the red sequence: star formation and HI properties of transition galaxies at $z \sim 0$
15. Hughes T. M. & **Cortese L.**, 2009, MNRAS, 396, L41
The migration of nearby spirals from the blue to the red sequence: AGN feedback or environmental effect?
14. **Cortese L.**, Gavazzi G., Boselli A., 2008, MNRAS, 390, 1282
The UV luminosity function and star formation rate of the Coma cluster
13. **Cortese L.**, Boselli A., Franzetti P., Decarli R., Gavazzi G., Boissier S., Buat V., 2008, MNRAS, 386, 1157
UV Dust Attenuation in Star-forming Galaxies: II Calibrating the $A(UV)$ vs. L_{TIR}/L_{UV} relation
12. **Cortese L.**, Minchin R. F., Auld R. A., Davies J. I., Catinella B., Momjian E., Rosenberg J. L., Taylor R., Gavazzi G., O'Neil K., Baes M., Boselli A., Bothun G., Koribalski

- B., Schneider S., van Driel W., 2008, MNRAS, 383, 1519
The Arecibo Galaxy Environment Survey: II A HI view of the nearby cluster Abell 1367 and its outskirts
11. **Cortese L.**, Marcillac D., Richard J., Bravo-Alfaro H., Kneib J.-P., Rieke G., Covone G., Egami E., Rigby J., Czoske O., Davies J., 2007, MNRAS, 376, 157
The strong transformation of spiral galaxies infalling into massive clusters at $z \sim 0.2$.
 10. **Cortese L.**, Gavazzi G., Boselli A., Franzetti P., Kennicutt R. C., O'Neil K., Sakai S., 2006, A&A, 453, 847
Witnessing galaxy preprocessing in nearby clusters: the case of the starbursting group infalling into Abell1367
 9. **Cortese L.**, Boselli A., Buat V., Gavazzi G., Boissier S., Gil de Paz A., Seibert M., Madore B. F., Martin, D. C., 2006, ApJ, 637, 242
UV dust attenuation in normal star forming galaxies: I. Estimating the L_{TIR}/L_{FUV} ratio
 8. **Cortese L.**, Boselli A., Gavazzi G., Iglesias-Paramo J., Madore, B. Barlow T., Bianchi L., Byun Y.-I., Donas J., Forster K., Friedman P. G., Heckman T. M., Jelinsky P., Lee Y.-W., Malina, R., Martin D. C., Milliard B., Morrissey P., Neff S., Rich R. M., Schiminovich D., Seibert M., Siegmund O., Small T., Szalay A. S., Treyer M., Welsh B., Wyder T. K., 2005, ApJ, 623, L17
The UV Galex luminosity function of the cluster of galaxies A1367
 7. Giordano L., **Cortese L.**, Trinchieri G., Wolter A., Colpi M., Gavazzi G., Mayer L., 2005, ApJ, 634, 272
The Trail of Discrete X-Ray Sources in the Early-Type Galaxy NGC 4261: Anisotropy in the Globular Cluster Distribution?
 6. Boselli A., **Cortese L.**, Deharveng J. M., Gavazzi G., Yi K. S., Gil de Paz A., Seibert M., Boissier S., Donas J., Lee Y.-W., Madore B. F., Martin D. C., Rich R. M., Sohn Y.-J., 2005, ApJL, 629, L29
UV properties of early-type galaxies in the Virgo cluster
 5. **Cortese L.**, Gavazzi G., Iglesias-Paramo J., Boselli A., Carrasco L., 2004, A&A, 425, 429
Multiple merging in the Abell cluster 1367
 4. **Cortese L.**, Gavazzi G., Boselli A., Iglesias-Paramo J., 2004, A&A, 416, 119
An extragalactic HII region in the Virgo cluster
 3. Gavazzi G., **Cortese L.**, Boselli A., Iglesias-Paramo J., Vilchez J., Carrasco L., 2003, ApJ, 597, 210
Capturing a star formation burst in galaxies infalling onto the Abell cluster 1367
 2. **Cortese L.**, Gavazzi G., Boselli A., Iglesias-Paramo J., Donas J., Milliard B., 2003, A&A, 410, L25
The UV luminosity function of nearby clusters of galaxies
 1. **Cortese L.**, Gavazzi G., Iglesias-Paramo J., Boselli A., Carrasco L., 2003, A&A, 401, 471
Optical spectroscopy and the UV luminosity function of galaxies in the nearby Abell1367, Coma & Virgo clusters
-

Papers where I made substantial contributions

50. van de Sande J., Bland-Hawthorn J., Fogarty L. M. R., **Cortese L.**, d'Eugenio F., Croom S. M., Scott N., Allen J. T., Brough S., Bryant J. J., Cecil G., Colless M., Couch W. J., Davies R., Elahi P. J., Foster C., Goldstein G., Goodwin M., Groves B., Ho I., Jeong H., Jones D. H., Konstantopoulos I. S., Lawrence J. S., Leslie S. K., Lopez-Sanchez A. R., McDermid R. M., McElroy R., Medling A. M., Oh S., Owers M. S., Richards S. N., Schaefer A. L., Sharp R., Sweet S. M., Taranu D., Tonini C., Walcher C. J., Yi S. K., 2017, ApJ, in press
The SAMI Galaxy Survey: Revisiting Galaxy Classification Through High-Order Stellar Kinematics
49. Brown T., Catinella B., **Cortese L.**, Lagos C. d. P., Dave R., Kilborn V., Haynes M. P., Giovanelli R., Rafieferantsoa M., 2017, MNRAS, in press
Cold gas stripping in satellite galaxies: from pairs to clusters
48. Lagos C. d. P., Theuns T., Stevens A. R. H., **Cortese L.**, Padilla N. D., Davis T. A., Contreras S., Croton D., 2017, MNRAS, 464, 3850
Angular momentum evolution of galaxies in EAGLE
47. Oh S., Yi S. K., **Cortese L.**, van de Sande J., Mahajan S., Jeong H., Sheen Y.-K., Allen J. T., Bekki K., Bland-Hawthorn J., Bloom J. V., Brough S., Bryant J. J., Colless M., Croom S. M., Fogarty L. M. R., Goodwin M., Green A., Konstantopoulos I. S., Lawrence J., López-Sánchez Á. R., Lorente N. P. F., Medling A. M., Owers M. S., Richards S., Scott N., Sharp R., Sweet S. M., 2016, ApJ, 832, 69
The SAMI Galaxy Survey: Galaxy Interactions and Kinematic Anomalies in Abell 119
46. Saintonge A., Catinella B., **Cortese L.**, Genzel R., Giovanelli R., Haynes M. P., Janowiecki S., Kramer C., Lutz K. A., Schiminovich D., Tacconi L. J., Wuyts S., Accurso G., 2016, MNRAS, 462, 1749
Molecular, atomic gas along, across the main sequence of star-forming galaxies
45. Gereb K., Catinella B., **Cortese L.**, Bekki K., Moran S., Schiminovich D., 2016, MNRAS, 462, 382
GASS 3505: the prototype of HI-excess, passive galaxies
44. Scott T. C., Usero A., Brinks E., Bravo-Alfaro H., **Cortese L.**, Boselli A., Argudo-Fernández M., 2015, MNRAS, 453, 328
Highly perturbed molecular gas in infalling cluster galaxies: the case of CGCG97-079
43. Brown T., Catinella B., **Cortese L.**, Kilborn V., Haynes M. P., Giovanelli R., 2015, MNRAS, 452, 2479
The effect of structure and star formation on the gas content of nearby galaxies
42. De Looze I., Fritz J., Baes M., Bendo G. J., **Cortese L.**, Boquien M., Boselli A., Camps P., Cooray A., Cormier D., Davies J. I., De Geyter G., Hughes T. M., Jones A. P., Karczewski O. L., Lebouteiller V., Lu N., Madden S. C., Rémy-Ruyer A., Spinoglio L., Smith M. W. L., Viaene S., Wilson C. D., 2014, A&A, 571, 69
High-resolution, 3D radiative transfer modeling : I. The grand-design spiral galaxy M51
41. Boselli A., Voyer E., Boissier S., Cucciati O., Consolandi G., **Cortese L.**, Fumagalli M., Gavazzi G., Heinis S., Roehlly Y., Toloba E., 2014, A&A, 570, 69
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). IV: The role of the cluster environment on galaxy evolution
40. Jachym P., Combes F., **Cortese L.**, Sun M. and Kenney J. D. P., 2014, ApJ, 792, 11
Abundant molecular gas and inefficient star formation in intracluster regions: Ram pressure stripped tail of the Norma galaxy ESO137-001
39. Viaene S., Fritz J., Baes M., Bendo G. J., Blommaert J. A. D. L., Boquien M., Boselli A., Ciesla L., **Cortese L.**, De Looze I., Gear W. K., Gentile G., Hughes T. M., Jarrett T., Karczewski O. Ł., Smith M. W. L., Spinoglio L., Tamm A., Tempel E., Thilker D.,

- Verstappen J., 2014, *A&A*, 567, 71
The Herschel Exploitation of Local Galaxy, romeda (HELGA): V. Dust scaling relations at sub-kpc resolution
38. Andreani P., Spinoglio L., Boselli A., Ciesla L., **Cortese L.** Vio R., Baes M., Bendo G. J., De Looze I., 2014, *A&A*, 566, 70
The bivariate K-band-submillimetre luminosity functions of the local HRS galaxy sample
37. Ciesla L., Boquien M., Boselli A., Buat V., **Cortese L.** Bendo G. J., Heinis S., Galametz M., Eales S., Smith M. W. L., Baes M., Bianchi S., de Looze I., di Serego Alighieri S., Galliano F., Hughes T. M., Madden S. C., Pierini D., Rémy-Ruyer A., Spinoglio L., Vaccari M., Viaene S., Vlahakis C., 2014, *A&A*, 565, 128
Dust Spectral Energy Distributions of Nearby Galaxies: an Insight from the Herschel Reference Survey
36. De Looze I., Baes M., Boselli A., **Cortese L.**, Fritz J., Auld R., Bendo G. J., Bianchi S., Boquien M., Clemens M., Ciesla L., Davies J., di Serego Alighieri S., Grossi M., Jones A., Madden S. C., Pappalardo C., Pierini D., Smith M. W. L., Verstappen J., Vlahakis C., Zibetti S., 2013, *MNRAS*, 436, 1057
The Herschel Virgo Cluster Survey XIV: transition-type dwarf galaxies in the Virgo cluster
35. Catinella B., Schiminovich D., **Cortese L.**, Fabello S., Hummels C. B., Moran S. M., Lemonias J. J., Cooper A. P., Wu R., Heckman T. M., Wang J., 2013, *MNRAS*, 436, 34
The GALEX Arcibo SDSS Survey. VIII. Final Data Release – The Effect of Group Environment on the Gas Content of Massive Galaxies
34. Boselli A., Hughes T., **Cortese L.**, Gavazzi G., Buat V., 2013, *A&A*, 550, 114
Integrated Spectroscopy of the Herschel Reference Survey. The spectral line properties of a volume-limited, K-band selected sample of nearby galaxies
33. Longmore S. N., Bally J., Testi L., Purcell C. R., Walsh A. J., Bressert E., Pestalozzi M., Molinari S., Ott J., **Cortese L.**, Battersby C., Murray N., Lee E., Kruijssen J. M. D., Schisano E., Elia D., 2013, *MNRAS*, 429, 827
Variations in the Galactic star formation rate and density thresholds for star formation
32. Scott T. C., Usero A., Brinks E., Boselli A., **Cortese L.**, Bravo-Alfaro H., 2013, *MNRAS*, 429, 221
CO in late-type galaxies within the central region of Abell 1367
31. De Looze I., Baes M., Bendo G. J., Ciesla L., **Cortese L.**, De Geyter G., Groves B., Boquien M., Boselli A., Brondeel L., Cooray A., Eales S., Fritz J., Galliano F., Gentile G., Gordon K. G., Hony S., Law K. H., Madden S. C., Sauvage M., Smith M. W. L., Spinoglio L., Verstappen J., 2012, *MNRAS*, 427, 2797
The dust energy balance in the edge-on spiral galaxy NGC 4565
30. Ciesla L., Boselli A., Smith M. W. L., Bendo G. J., **Cortese L.**, Eales S., Bianchi S., Boquien M., Buat V., Davies J., Pohlen M., Zibetti S., Baes M., Cooray A., de Looze I., di Serego Alighieri S., Galametz M., Gomez H. L., Lebouteiller V., Madden S. C., Pappalardo C., Remy A., Spinoglio L., Vaccari M., Auld R., Clements D. L., 2012, *A&A*, 543, 161
Submillimetre Photometry of 323 Nearby Galaxies from the Herschel Reference Survey
29. Corbelli E., Bianchi S., **Cortese L.**, Giovanardi C., Magrini L., Pappalardo C., Boselli A., Bendo G. J., Davies J., Grossi M., Madden S. C., Smith M. W. L., Vlahakis C., Auld R., Baes M., De Looze I., Fritz J., Pohlen M., Verstappen J., 2012, *A&A*, 542, 32
The Herschel Virgo Cluster Survey: X. The relationship between cold dust, molecular gas content in Virgo spirals

28. Boselli A., Ciesla L., **Cortese L.**, Buat V., Boquien M., Bendo G. J., Boissier S., Eales S., Gavazzi G., Hughes T. M., Pohlen M., Smith M. W. L., Baes M., Bianchi S., Clements D. L., Cooray A., Davies J., Gear W., Madden S., Magrini L., Panuzzo P., Remy A., Spinoglio L., Zibetti S., 2012, *A&A*, 540, 54
FIR colours of nearby late-type galaxies in the Herschel Reference Survey
27. Smith M. W. L., Gomez H. L., Eales S. A., Ciesla L., Boselli A., **Cortese L.**, Bendo G. J., Baes M., Bianchi S., Clemens M., Clements D. L., Cooray A. R., Davies J. I., de Looze I., di Serego Alighieri S., Fritz J., Gavazzi G., Gear W. K., Madden S., Mentuch E., Panuzzo P., Pohlen M., Spinoglio L., Verstappen J., Vlahakis C., Wilson C. D., Xilouris E. M., 2012, *ApJ*, 748, 123
The Herschel Reference Survey: Dust in Early-type Galaxies and across the Hubble Sequence
26. Boquien M., Buat V., Boselli A., Baes M., Bendo G. J., Ciesla L., Cooray A., **Cortese L.**, Eales S., Gavazzi G., Gomez H. L., Lebouteiller V., Pappalardo C., Pohlen M., Smith M. W. L., Spinoglio L., 2012, *A&A*, 539, 145
The IRX-beta relation on sub-galactic scales in star-forming galaxies of the Herschel Reference Survey
25. Auld R., Smith M. W. L., Bendo G., Pohlen M., Wilson C., Gomez H., **Cortese L.**, Morganti R., Baes M., Boselli A., Cooray A., Davies J. I., Eales S., Elbaz D., Galametz M., Isaak K., Oosterloo T., Page M., Rigby E., Spinoglio L., Struve C., 2012, *MNRAS*, 420, 1882
Herschel observations of Cen A: stellar heating of two extragalactic dust clouds
24. Davies J. I., Bianchi S., **Cortese L.**, Auld R., Baes M., Bendo G. J., Boselli A., Ciesla L., Clemens M., Corbelli E., de Looze I., Alighieri S. D. S., Fritz J., Gavazzi G., Pappalardo C., Grossi M., Hunt L. K., Madden S., Magrini L., Pohlen M., Smith M. W. L., Verstappen J., Vlahakis C., 2012, *MNRAS*, 419, 3505
The Herschel Virgo Cluster Survey - VIII. The Bright Galaxy Sample
23. Magrini L., Bianchi S., Corbelli E., **Cortese L.**, Hunt L., Smith M., Vlahakis C., Davies J., Bendo G. J., Baes M., Boselli A., Clemens M., Casasola V., De Looze I., Fritz J., Giovanardi C., Grossi M., Hughes T., Madden S., Pappalardo C., Pohlen M., di Serego Alighieri S., Verstappen J., 2011, *A&A*, 535, 13
The Herschel Virgo Cluster Survey. IX. Dust-to-gas mass ratio and metallicity gradients in four Virgo spiral galaxies
22. de Looze I., Baes M., Bendo G. J., **Cortese L.**, Fritz J., 2011, *MNRAS*, 416, 2712
The reliability of [C II] as an indicator of the star formation rate
21. Boselli A., Boissier S., Heinis S., **Cortese L.**, Ilbert O., Hughes T., Cucciati O., Davies J., Ferrarese L., Giovanelli R., Haynes M. P., Baes M., Balkowski C., Brosch N., Chapman S. C., Charman V., Clemens M. S., Dariush A., De Looze I., di Serego Alighieri S., Duc P., Durrell P. R., Emsellem E., Erben T., Fritz J., Garcia-Appadoo D. A., Gavazzi G., Grossi M., Jordán A., Hess K. M., Huertas-Company M., Hunt L. K., Kent B. R., Lambas D. G., Lancon A., MacArthur L. A., Madden S. C., Magrini L., Mei S., Momjian E., Olowin R. P., Papastergis E., Smith M. W. L., Solanes J. M., Spector O., Spekkens K., Taylor J. E., Valotto C., van Driel W., Verstappen J., Vlahakis C., Vollmer B., Xilouris E. M., 2011, *A&A*, 528, 107
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). I: The UV luminosity function of the central 12 sq.deg
20. Moncelsi L., Ade P. A. R., Chapin E. L., **Cortese L.**, Devlin M. J., Dye S., Eales S., Griffin M., Halpern M., Hargrave P. C., Marsden G., Maukopf P., Netterfield C. B., Pascale E., Scott D., Truch M. D. P., Tucker C., Viero M., Wiebe D., 2011, *ApJ*, 727, 83
A panchromatic study of BLAST counterparts: total star-formation rate, morphology, AGN fraction and stellar mass

19. Eales S. A., Smith M. W. L., Wilson C. D., Bendo G. J., **Cortese L.** Pohlen M., Boselli A., Gomez H. L. & SAG2 team (52 coauthors), 2010, A&A, 518, L62
Mapping the interstellar medium in galaxies with Herschel/SPIRE
18. Boselli A., Ciesla L., Buat V., **Cortese L.** & SAG2+HeViCS teams (77 coauthors) 2010, A&A, 518, L61
FIR colours and SEDs of nearby galaxies observed with Herschel
17. De Looze I., Baes M., Zibetti S., Fritz J., **Cortese L.**, Davies J. I., Verstappen J. & HeViCS team (24 coauthors) 2010, A&A, 518, L54
The Herschel Virgo Cluster Survey: VII. Dust in cluster dwarf elliptical galaxies
16. Davies J. I., Baes M., Bendo G. J., Bianchi S., Bomans D. J., Boselli A., Clemens M., Corbelli E., **Cortese L.** Dariush A., De Looze I., di Serego Alighieri S., Fadda D., Fritz J., Garcia-Appadoo D. A., Gavazzi G., Giovanardi C., Grossi M., Hughes T. M., Hunt L. K., Jones A. P., Madden S., Pierini D., Pohlen M., Sabatini S., Smith M. W. L., Verstappen J., Vlahakis C., Xilouris E. M., Zibetti S. (HeViCS team), 2010, A&A, 518, L48
The Herschel Virgo Cluster Survey: I. Luminosity functions
15. Gomez H. L., Baes M., **Cortese L.**, Smith M. W. L., Boselli A., Ciesla L., Bendo G. J., Pohlen M., di Serego Alighieri S. & SAG2 team (52 coauthors), 2010, A&A, 518, L45
The dust morphology of the elliptical Galaxy M86 with SPIRE
14. Scott T. C., Bravo-Alfaro H., Brinks E., Carretta C. A., **Cortese L.**, Boselli A., Hardcastle M. J., Croston J. H., Plauchu I., 2010, MNRAS, 403, 1175
Probing Evolutionary Mechanisms in Galaxy Clusters: Neutral Atomic Hydrogen in Abell 1367
13. Boselli A., Eales S., **Cortese L.**, Bendo G., Chanial P., Buat V., Davies J., Auld R., Rigby E., Baes M., Barlow M., Bock J., Bradford M., Castro-Rodriguez N., Charlot S., Clements D., Cormier D., Dwek E., Elbaz D., Galametz M., Galliano F., Gear W., Glenn J., Gomez H., Griffin M., Hony S., Isaak K., Levenson L., Lu N., Madden S., O'Halloran B., Okamura K., Oliver S., Page M., Panuzzo P., Papageorgiou A., Parkin T., Perez-Fournon I., Pohlen M., Rangwala N., Roussel H., Rykala A., Sacchi N., Sauvage M., Schulz B., Schirm M., Smith M.W.L., Spinoglio L., Stevens J., Symeonidis M., Vaccari M., Vigroux L., Wilson C., Wozniak H., Wright G., Zeilinger W., 2010, PASP, 122, 261
The Herschel Reference Survey.
12. Boselli A., Boissier S., **Cortese L.**, Buat V., Hughes T.M., Gavazzi G., 2009, ApJ, 706, 1527
High Mass Star Formation in Normal Late-Type Galaxies: Observational Constraints to the IMF
11. Garcia-Appadoo D., West A., Dalcanton J., **Cortese L.**, Disney M., 2009, MNRAS, 394, 340
Correlations among the properties of galaxies found in a blind HI Survey
10. Disney M. J., Romano J. D., Garcia-Appadoo D., West A., Dalcanton J., **Cortese L.**, 2008, Nature, 455, 1082
Galaxies appear simpler than before
9. Boselli A., Boissier S., **Cortese L.**, Gavazzi G., 2008, A&A, 489, 1015
The Origin of the $\mu_e - M_B$ and Kormendy relations in dwarf elliptical galaxies
8. Boselli A., Boissier S., **Cortese L.**, Gavazzi G., 2008, ApJ, 674, 742
The Origin of Dwarf Ellipticals in the Virgo Cluster
7. Decarli R., Gavazzi G., Arosio I., **Cortese L.**, Boselli A., Bonfanti C., Colpi M., 2007, MNRAS, 381, 136
The census of nuclear activity of late-type galaxies in the Virgo Cluster

6. Boselli A., Boissier S., **Cortese L.**, Gil de Paz A., Seibert M., Madore B. F., Buat V., Martin D. C., 2006, ApJ, 651, 811
The fate of spiral galaxies in clusters: the star formation history of the anemic Virgo cluster galaxy NGC 4569
5. Gavazzi G., Boselli A., **Cortese L.**, Arosio I., Gallazzi A., Pedotti P., Carrasco, L., 2006, A&A, 446, 839
H α surface photometry of galaxies in nearby clusters. V: the survey completion
4. Boselli A., Boissier S., **Cortese L.**, Gil de Paz A., Buat V., Iglesias-Paramo J., Madore B., Barlow T., Bianchi L., Byun Y.-I., Donas J., Forster K., Friedman P. G., Heckman T. M., Jelinsky P., Lee Y.-W., Malina, R., Martin D. C., Milliard B., Morrissey P., Neff S., Rich R. M., Schiminovich D., Seibert M., Siegmund O., Small T., Szalay A. S., Welsh B., Wyder T. K., 2005, ApJ, 623, L13
GALEX UV observations of the interaction galaxy NGC 4438 in the Virgo cluster
3. Iglesias-Paramo J., Boselli A., Gavazzi G., **Cortese L.**, Vilchez J., 2003, A&A, 397, 421
The r' -band luminosity function of Abell 1367: a comparison with Coma.
2. Iglesias-Paramo J., Boselli A., Vilchez J., **Cortese L.**, Gavazzi G., 2002, Ap&SS, 281, 419
The H α Luminosity Functions of Nearby Clusters of Galaxies
1. Iglesias-Paramo J., Boselli A., **Cortese L.**, Vilchez J., Gavazzi G., 2002, A&A, 384, 383
A deep H α survey of galaxies in two nearby clusters A1367 and Coma. The H α luminosity function

Papers resulting from contributions to survey teams

52. Bloom, J. V., Fogarty L. M. R., Croom S. M., Schaefer A., Bryant J. J., **Cortese L.**, Richards S., Bland-Hawthorn J., Ho I.-T., Scott N., Goldstein G., Medling A., Brough S., Sweet S. M., Cecil G., López-Sánchez A., Glazebrook K., Parker Q., Allen J. T., Goodwin M., Green A. W., Konstantopoulos I. S., Lawrence J. S., Lorente N., Owers M. S., Sharp R., 2017, MNRAS, 465, 123
The SAMI Galaxy Survey: asymmetry in gas kinematics and its links to stellar mass and star formation
51. Kafle P. R., Robotham A. S. G., Lagos C. d. P., Davies L. J., Moffett A. J., Driver S. P., Andrews S. K., Baldry I. K., Bland-Hawthorn J., Brough S., **Cortese L.**, Drinkwater M. J., Finnegan R., Hopkins A. M., Loveday J., 2016, MNRAS, 463, 4194
Galaxy And Mass Assembly (GAMA): the absence of stellar mass segregation in galaxy groups and consistent predictions from GALFORM and EAGLE simulations
50. Smith M. W. L., Eales S. A., De Looze I., Baes M., Bendo G. J., Bianchi S., Boquien M., Boselli A., Buat V., Ciesla L., Clemens M., Clements D. L., Cooray A. R., **Cortese L.**, Davies J. I., Fritz J., Gomez H. L., Hughes T. M., Karczewski O. Ł., Lu N., Oliver S. J., Remy-Ruyer A., Spinoglio L., Viaene S., 2016, MNRAS, 462, 331
Far-reaching Dust Distribution in Galaxy Disks
49. Ho I.-T., Medling A. M., Bland-Hawthorn J., Groves B., Kewley L. J., Kobayashi C., Dopita M. A., Leslie S. K., Sharp R., Allen J. T., Bourne N., Bryant J. J., **Cortese L.**, Croom S. M., Dunne L., Fogarty L. M. R., Goodwin M., Green A. W., Konstantopoulos I. S., Lawrence J. S., Lorente N. P. F., Owers M. S., Richards S., Sweet S. M., Tescari E., Valiante E., 2016, MNRAS, 457, 1257
The SAMI Galaxy Survey: extraplanar gas, galactic winds, their association with star formation history
48. 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
47. Viaene S., Baes M., Bendo G., Boquien M., Boselli A., Ciesla L., **Cortese L.**, De Looze I., Eales S., Fritz J., Karczewski O. Ł., Madden S., Smith M. W. L., Spinoglio L., 2016, A&A, 586, 13
The bolometric, UV attenuation in normal spiral galaxies of the Herschel Reference Survey
46. Cecil G., Fogarty L. M. R., Richards S., Bland-Hawthorn J., Lange R., Moffett A., Catinella B., **Cortese L.**, Ho I.-T., Taylor E. N., Bryant J. J., Allen J. T., Sweet S. M., Croom S. M., Driver S. P., Goodwin M., Kelvin L., Green A. W., Konstantopoulos I. S., Owers M. S., Lawrence J. S., Lorente N. P. F., 2016, MNRAS, 456, 1299
The SAMI Galaxy Survey: Gas Streaming, Dynamical M/L in Rotationally Supported Systems
45. Richards S. N., Bryant J. J., Croom S. M., Hopkins A. M., Schaefer A. L., Bland-Hawthorn J., Allen J. T., Brough S., Cecil G., **Cortese L.**, Fogarty L. M. R., Gunawardhana M. L. P., Goodwin M., Green A. W., Ho I.-T., Kewley L. J., Konstantopoulos I. S., Lawrence J. S., Lorente N. P. F., Medling A. M., Owers M. S., Sharp R., Sweet S. M., Taylor E. N., 2016, MNRAS, 455, 2826
The SAMI Galaxy Survey: can we trust aperture corrections to predict star formation?
44. Boselli A., Boissier S., Voyer E., Ferrarese L., Consolandi G., **Cortese L.**, Cote P., Cuillandre J. C., Gavazzi G., Gwyn S., Heinis S., Ilbert O., MacArthur L., Roehly Y., 2016, A&A, 585, 2
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). VI: The UV luminosity function of the Virgo cluster, its surrounding regions

43. Rémy-Ruyer A., Madden S. C., Galliano F., Lebouteiller V., Baes M., Bendo G. J., Boselli A., Ciesla L., Cormier D., Cooray A., **Cortese L.**, De Looze I., Doublier-Pritchard V., Galametz M., Jones A. P., Karczewski O. Ł., Lu N., Spinoglio L., 2015, *A&A*, 582, 121
Linking dust emission to fundamental properties in galaxies: the low-metallicity picture
42. Fogarty L. M. R., Scott N., Owers M. S., Croom S. M., Bekki K., Houghton R. C. W., van de Sande J., D'Eugenio F., Cecil G. N., Colless M. M., Bland-Hawthorn J., Brough S., **Cortese L.**, Davies R. L., Jones D. H., Pracy M., Allen J. T., Bryant J. J., Goodwin M., Green A. W., Konstantopoulos I. S., Lawrence J. S., Lorente N. P. F., Richards S., Sharp R. G., 2015, *MNRAS*, 454, 2050
The SAMI Pilot Survey: stellar kinematics of galaxies in Abell 85, 168, 2399
41. Scott N., Fogarty L. M. R., Owers M. S., Croom S. M., Colless M., Davies R. L., Brough S., Pracy M. B., Bland-Hawthorn J., Jones D. H., Allen J. T., Bryant J. J., **Cortese L.**, Goodwin M., Green A. W., Konstantopoulos I. S., Lawrence J. S., Richards S., Sharp R., 2015, *MNRAS*, 451, 2723
The SAMI Pilot Survey: the fundamental, mass planes in three low-redshift clusters
40. ALMA Partnership (including Cortese L.), 2015, *ApJ*, 2015, 808, L1
The 2014 ALMA Long Baseline Campaign: An Overview
39. 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, mass in nearby galaxies
38. Boissier S., Boselli A., Voyer E., Bianchi S., Pappalardo C., Guhathakurta P., Heinis S., **Cortese L.**, Duc P.-A., Cuillandre J.-C., Davies J. I., Smith M. W. L., 2015, *A&A*, 579, 29
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). V. Ultraviolet diffuse emission, cirrus properties in the Virgo cluster direction
37. Bendo G. J., Baes M., Bianchi S., Boquien M., Boselli A., Cooray A., **Cortese L.**, De Looze I., di Serego Alighieri S., Fritz J., Gentile G., Hughes T. M., Lu N., Pappalardo C., Smith M. W. L., Spinoglio L., Viaene S., Vlahakis C., 2015, *MNRAS*, 448, 135
The identification of dust heating mechanisms in nearby galaxies using Herschel 160/250, 250/350 micron surface brightness ratios
36. Bryant J. J., Owers M. S., Robotham A. S. G., Croom S. M., Driver S. P., Drinkwater M. J., Lorente N. P. F., **Cortese L.**, Scott N., Colless M., Schaefer A., Taylor E. N., Konstantopoulos I. S., Allen J. T., Baldry I., Barnes L., Bauer A. E., Bland-Hawthorn J., Bloom J. V., Brooks A. M., Brough S., Cecil G., Couch W., Croton D., Davies R., Ellis S., Fogarty L. M. R., Foster C., Glazebrook K., Goodwin M., Green A., Gunawardhana M. L., Hampton E., Ho I.-T., Hopkins A. M., Kewley L., Lawrence J. S., Leon-Saval S. G., Leslie S., Lewis G., Liske J., Lopez-Sanchez A. R., Mahajan S., Medling A. M., Metcalfe N., Meyer M., Mould J., Obreschkow D., O'Toole S., Pracy M., Richards S. N., Shanks T., Sharp R., Sweet S. M., Thomas A. D., Tonini C., Walcher C. J., 2015, *MNRAS*, 447, 2857
The SAMI Galaxy Survey: instrument specification and target selection
35. Grossi M., Hunt L. K., Madden S. C., Hughes T. M., Auld R., Baes M., Bendo G. J., Bianchi S., Bizzocchi L., Boquien M., Boselli A., Clemens M., Corbelli E., **Cortese L.**, Davies J., De Looze I., di Serego Alighieri S., Fritz J., Pappalardo C., Pierini D., Rémy-Ruyer A., Smith M. W. L., Verstappen J., Viaene S., Vlahakis C., 2015, *A&A*, 574, 126
The Herschel Virgo Cluster Survey. XVIII. Star-forming dwarf galaxies in a cluster environment

34. Pappalardo C., Bendo G. J., Bianchi S., Hunt L., Zibetti S., Corbelli E., di Serego Alighieri S., Grossi M., Davies J., Baes M., De Looze I., Fritz J., Pohlen M., Smith M. W. L., Verstappen J., Boquien M., Boselli A., **Cortese L.**, Hughes T., Viaene S., Bizzocchi L., Clemens M., 2015, *A&A*, 573, 129
The Herschel Virgo Cluster Survey. XVII. SPIRE point-source catalogs, number counts
33. Allen J. T., Croom S. M., Konstantopoulos I. S., Bryant J. J., Sharp R., Cecil G. N., Fogarty L. M. R., Foster C., Green A. W., Ho I.-T., Owers M. S., Schaefer A. L., Scott N., Bauer A. E., Baldry I., Barnes L. A., Bland-Hawthorn J., Bloom J. V., Brough S., Colless M., **Cortese L.**, Couch W. J., Drinkwater M. J., Driver S. P., Goodwin M., Gunawardhana M. L. P., Hampton E. J., Hopkins A. M., Kewley L. J., Lawrence J. S., Leon-Saval S. G., Liske J., López-Sánchez Á. R., Lorente N. P. F., McElroy R., Medling A. M., Mould J., Norberg P., Parker Q. A., Power C., Pracy M. B., Richards S. N., Robotham A. S. G., Sweet S. M., Taylor E. N., Thomas A. D., Tonini C., Walcher C. J., 2014, *MNRAS*, 446, 1567
The SAMI Galaxy Survey: Early Data Release
32. Sharp R., Allen J. T., Fogarty L. M. R., Croom S. M., **Cortese L.**, Green A. W., Nielsen J., Richards S. N., Scott N., Taylor E. N., Barnes L. A., Bauer A. E., Birchall M., Bland-Hawthorn J., Bloom J. V., Brough S., Bryant J. J., Cecil G. N., Colless M., Couch W. J., Drinkwater M. J., Driver S., Foster C., Goodwin M., Gunawardhana M. L. P., Ho I.-T., Hampton E. J., Hopkins A. M., Jones H., Konstantopoulos I. S., Lawrence J. S., Leslie S. K., Lewis G. F., Liske J., Lorente N. P. F., Medling A. M., Mahajan S., Mould J., Parker Q., Pracy M. B., Obreschkow D., Owers M. S., Schaefer A. L., Sweet S. M., Thomas A., Tonini C., Walcher C. J., 2015, *MNRAS*, 446, 1551
The SAMI Galaxy Survey: Cubism, covariance, putting round pegs into square holes
31. Fogarty L. M. R., Scott N., Owers M. S., Brough S., Croom S. M., Pracy M. B., Houghton R. C. W., Bland-Hawthorn J., Colless M., Davies R. L., Jones D. H., Allen J. T., Bryant J. J., Goodwin M., Green A. W., Konstantopoulos I. S., Lawrence J. S., Richards S., **Cortese L.**, Sharp R., 2014, *MNRAS*, 443, 485
The SAMI Pilot Survey: the kinematic morphology-density relation in Abell 85, Abell 168, Abell 2399
30. Voyer E. N., Boselli A., Boissier S., Heinis S., **Cortese L.**, Ferrarese L., Cote P., Cuillandre J.-C., Gwyn S. D. J., Peng E. W., Zhang H., Liu C., 2014, *A&A*, 569, 124
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS) III. The Ultraviolet Source Catalogs
29. De Looze I., Cormier D., Leboutteiller V., Madden S., Baes M., Bendo G. J., Boquien M., Boselli A., Clements D. L., **Cortese L.**, Cooray A., Galametz M., Galliano F., Gracia-Carpio J., Isaak K., Karczewski O. L., Parkin T. J., Pellegrini E. W., Remy-Ruyer A., Spinoglio L., Smith M., Sturm E., 2014, *A&A*, 568, 62
The applicability of FIR fine-structure lines as Star Formation Rate tracers over wide ranges of metallicities, galaxy types
28. Baes M., Herranz D., Bianchi S., Ciesla L., Clemens M., De Zotti G., Allaert F., Auld R., Bendo G. J., Boquien M., Boselli A., Clements D. L., **Cortese L.**, Davies J. I., De Looze I., di Serego Alighieri S., Fritz J., Gentile G., González-Nuevo J., Hughes T., Smith M. W. L., Verstappen J., Viaene S., Vlahakis C., 2014, *A&A*, 562, 106
The Herschel Virgo Cluster Survey. XV. Planck submillimetre sources in the Virgo Cluster
27. Madden S. C., Rémy-Ruyer A., Galametz M., Cormier D., Leboutteiller V., Galliano F., Hony S., Bendo G. J., Smith M. W. L., Pohlen M., Roussel H., Sauvage M., Wu R., Sturm E., Poglitsch A., Contursi A., Doublier V., Baes M., Barlow M. J., Boselli A., Boquien M., Carlson L. R., Ciesla L., Cooray A., **Cortese L.**, de Looze I., Irwin J. A., Isaak K., Kamenetzky J., Karczewski O. L., Lu N., MacHattie J. A., O'Halloran B., Parkin T. J., Rangwala N., Schirm M. R. P., Schulz B., Spinoglio L., Vaccari M., Wilson C. D., Wozniak H., 2013, *PASP*, 125, 600
An Overview of the Dwarf Galaxy Survey

26. Boquien M., Boselli A., Buat V., Baes M., Bendo G., Boissier S., Ciesla L., Cooray A., **Cortese L.**, Eales S., Koda J., Leboutteiller V., de Looze I., Smith M. W. L., Spinoglio L., Wilson C. D., 2013, *A&A*, 554, 14
Towards understanding the relation between the gas, the attenuation in galaxies at kpc scales
25. Auld R., Bianchi S., Smith M. W. L., Davies J. I., Bendo G. J., di Serego Alighieri S., **Cortese L.**, Baes M., Bomans D. J., Boquien M., Boselli A., Ciesla L., Clemens M., Corbelli E., De Looze I., Fritz J., Gavazzi G., Pappalardo C., Grossi M., Hunt L. K., Madden S., Magrini L., Pohlen M., Verstappen J., Vlahakis C., Xilouris E. M., Zibetti S., 2013, *MNRAS*, 428, 1880
The Herschel Virgo Cluster Survey XII: FIR properties of optically-selected Virgo Cluster galaxies
24. Eales S., Smith M. W. L., Auld R., Baes M., Bendo G. J., Bianchi S., Boselli A., Ciesla L., Clements D., Cooray A., **Cortese L.**, Davies J., De Looze I., Galametz M., Gear W., Gentile G., Gomez H., Fritz J., Hughes T., Madden S., Magrini L., Pohlen M., Spinoglio L., Verstappen J., Vlahakis C., Wilson C. D., 2012, *ApJ*, 761, 198
Can Dust Emission be Used to Estimate the Mass of the Interstellar Medium in Galaxies – A Pilot Project with the Herschel Reference Survey
23. Fritz J., Gentile G., Smith M. W. L., Gear W. K., Braun R., Duval J. R., Bendo G. J., Baes M., Eales S. A., Verstappen J., Blommaert J. A. D. L., Boquien M., Boselli A., Clements D., Cooray A. R., **Cortese L.**, De Looze I., Ford G. P., Galliano F., Gomez H. L., Gordon K. D., Leboutteiller V., O’Halloran B., Kirk J., Madden S. C., Page M. J., Remy A., Roussel H., Spinoglio L., Thilker D., Vaccari M., Wilson C. D., Waelkens C., 2012, *A&A*, 546, 34
The Herschel Exploitation of Local Galaxy Andromeda (HELGA). I: Global far-infrared, sub-mm morphology
22. Smith M. W. L., Eales S. A., Gomez H. L., Roman-Duval J., Fritz J., Braun R., Baes M., Bendo G. J., Blommaert J. A. D. L., Boquien M., Boselli A., Clements D. L., Cooray A. R., **Cortese L.**, de Looze I., Ford G. P., Gear W. K., Gentile G., Gordon K. D., Kirk J., Leboutteiller V., Madden S., Mentuch E., O’Halloran B., Page M. J., Schulz B., Spinoglio L., Verstappen J., Wilson C. D., Thilker D. A., 2012, *ApJ*, 756, 40
The Herschel Exploitation of Local Galaxy Andromeda (HELGA). II. Dust and Gas in Andromeda
21. Hallenbeck G., Papastergis E., Huang S., Haynes M. P., Giovanelli R., Boselli A., Boissier S., Heinis S., **Cortese L.**, Fabello S., 2012, *AJ*, 144, 87
Gas-bearing Early-type Dwarf Galaxies in Virgo: Evidence for Recent Accretion
20. Boissier S., Boselli A., Duc P.-A., **Cortese L.**, van Driel W., Heinis S., Voyer E., Cucciati O., Ferrarese L., Cote P., Cuillandre J.-C., Gwyn S. D. J., Mei S., 2012, *A&A*, 545, 142
The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). II. Constraints on star formation in ram-pressure stripped gas
19. Pappalardo C., Bianchi S., Corbelli E., Giovanardi C., Hunt L., Bendo G. J., Boselli A., **Cortese L.**, Magrini L., Zibetti S., di Serego Alighieri S., Davies J., Baes M., Ciesla L., Clemens M., De Looze I., Fritz J., Grossi M., Pohlen M., Smith M. W. L., Verstappen J., Vlahakis C., 2012, *A&A*, 545, 75
The Herschel Virgo Cluster Survey. XI. Environmental effects on molecular gas and dust in spiral disks
18. Arrigoni Battaia F., Gavazzi G., Fumagalli M., Boselli A., Boissier S., **Cortese L.**, Heinis S., Ferrarese L., Côté P., Mihos J. C., Cuillandre J. C., Duc P.-A., Durrell P., Gwyn S., Jordán A., Liu C., Peng E., Mei S., 2012, *A&A*, 543, 112
Stripped gas as fuel for newly formed HII regions in the encounter between VCC1249, M49: a unified picture from NGVS, GUViCS

17. Bendo G. J., Boselli A., Dariush A., Pohlen M., Roussel H., Sauvage M., Smith M. W. L., Wilson C. D., Baes M., Cooray A., Clements D. L., **Cortese L.**, Foyle K., Galametz M., Gomez H. L., Lebouteiller V., Lu N., Madden S. C., Mentuch E., O'Halloran B., Page M. J., Remy A., Schulz B., Spinoglio L., 2012, *MNRAS*, 419, 1833
Investigations of dust heating in M81, M83, and NGC 2403 with the Herschel Space Observatory
16. Saintonge A., Kauffmann G., Wang J., Kramer C., Tacconi L. J., Buchbender C., Catinella B., Gracia-Carpio J., **Cortese L.**, Fabello S., Fu J., Genzel R., Giovanelli R., Guo Q., Haynes M. P., Heckman T. M., Krumholz M. R., Lemonias J., Li C., Moran S., Rodriguez-Fernandez N., Schiminovich D., Schuster K., Sievers A., 2011, *MNRAS*, 415, 61
COLD GASS, an IRAM Legacy Survey of Molecular Gas in Massive Galaxies: II. The non-universality of the Molecular Gas Depletion Timescale
15. Saintonge A., Kauffmann G., Kramer C., Tacconi L. J., Buchbender C., Catinella B., Fabello S., Gracia-Carpio J., Wang J., **Cortese L.**, Fu J., Genzel R., Giovanelli R., Guo Q., Haynes M. P., Heckman T. M., Krumholz M. R., Lemonias J., Li C., Moran S., Rodriguez-Fernandez N., Schiminovich D., Schuster K., Sievers A., 2011, *MNRAS*, 415, 32
COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies: I. Relations between H₂, HI, stellar content and structural properties
14. Davies J. I., Wilson C. D., Auld R., Baes M., Barlow M. J., Bendo G. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.**, & SAG2 team (42 coauthors), 2010, *MNRAS*, 409, 102
On the origin of M81 group extended dust emission
13. Roussel H., Wilson C. D., Vigroux L., Isaak K. G., Sauvage M., Madden S. C., Auld R., Baes M., Barlow M. J., Bendo G. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.** & SAG2 team (38 coauthors), 2010, *A&A*, 518, L66
SPIRE imaging of M82: cool dust in the wind and tidal streams
12. Bendo G. J., Wilson C. D., Pohlen M., Sauvage M., Auld R., Baes M., Barlow M. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.** & SAG2 team (41 coauthors), 2010, *A&A*, 518, L65
The Herschel Space Observatory view of dust in M81
11. Sauvage M., Sacchi N., Bendo G. J., Boselli A., Pohlen M., Wilson C. D., Auld R., Baes M., Barlow M. J., Bock J. J., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.** & SAG2 team (40 coauthors), 2010, *A&A*, 518, L64
The central region of spiral galaxies as seen by Herschel. M81, M99, M100
10. O'Halloran B., Galametz M., Madden S. C., Galliano F., Hony S., Sauvage M., Pohlen M., Bendo G. J., Auld R., Baes M., Barlow M. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.** & SAG2 team (37 coauthors), 2010, *A&A*, 518, L58
Herschel photometric observations of the low metallicity dwarf galaxy NGC 1705
9. Galametz M., Madden S. C., Galliano F., Hony S., Sauvage M., Pohlen M., Bendo G. J., Auld R., Baes M., Barlow M. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodriguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.** & SAG2 team (38 coauthors), 2010, *A&A*, 518, L55
Herschel photometric observations of the nearby low metallicity irregular galaxy NGC 6822

8. Baes M., Clemens M., Xilouris E. M., Fritz J., Cotton W. D., Davies J. I., Bendo G. J., Bianchi S., **Cortese L.** & HeViCS team (23 coauthors) 2010, A&A, 518, L53
The Herschel Virgo Cluster Survey: VI. The far-infrared view of M87
 7. Grossi M., Hunt L. K., Madden S., Vlahakis C., Bomans D. J., Baes M., Bendo G. J., Bianchi S., Boselli A., Clemens M., Corbelli E., **Cortese L.** & HeViCS team (18 coauthors) 2010, A&A, 518, L52
The Herschel Virgo cluster survey: V. Star-forming dwarf galaxies - dust in metal-poor environments
 6. Smith M. W. L., Vlahakis C., Baes M., Bendo G. J., Bianchi S., Bomans D. J., Boselli A., Clemens M., Corbelli E., **Cortese L.** & HeViCS team (20 coauthors) 2010, A&A, 518, L51
The Herschel Virgo Cluster Survey: IV. Resolved dust analysis of spiral galaxies
 5. Clemens M. S., Jones A. P., Bressan A., Baes M., Bendo G. J., Bianchi S., Bomans D. J., Boselli A., Corbelli E., **Cortese L.** & HeViCS team (21 coauthors) 2010, A&A, 518, L50
The Herschel Virgo Cluster Survey: III. A constraint on dust grain lifetime in early-type galaxies
 4. Panuzzo P., Rangwala N., Rykala A., Isaak K. G., Glenn J., Wilson C. D., Auld R., Baes M., Barlow M. J., Bendo G. J., Bock J. J., Boselli A., Bradford M., Buat V., Castro-Rodríguez N., Chanial P., Charlot S., Ciesla L., Clements D. L., Cooray A., Cormier D., **Cortese L.**, Davies J. I., Dwek E., Eales S. A., Elbaz D., Galametz M., Galliano F., Gear W. K., Gomez H. L., Griffin M., Honiy S., Levenson L. R., Lu N., O'Halloran B., Okumura K., Oliver S., Page M. J., Panuzzo P., Papageorgiou A., Parkin T. J., Perez-Fournon I., Pohlen M., Rigby E. E., Sacchi N., Schulz B., Schirm M. R. P., Smith M. W. L., Spinoglio L., Stevens J. A., Srinivasan S., Symeonidis M., Trichas M., Vaccari M., Wozniak H., Wright G. S., Zeilinger W. W. (SAG2 team), 2010, A&A, 518, L37
Probing the molecular interstellar medium of M82 with Herschel-SPIRE spectroscopy
 3. Eales S., Dunne L., Clements D., Cooray A., De Zotti G., Dye S., Ivison R., Jarvis M., Lagache G., Maddox S., Negrello M., Serjeant S., Thompson M. A., Van Kampen E., Amblard A., Andreani P., Baes M., Beelen A., Bendo G. J., Benford D., Bertoldi F., Bock J., Bonfield D., Boselli A., Bridge C., Buat, V., Burgarella D., Carlberg R., Cava A., Chanial P., Charlot S., Christopher N., Coles P., **Cortese L.**, and 63 coauthors, 2010, PASP, 122, 499
The Herschel ATLAS
 2. Boissier S., Gil de Paz A., Boselli A., Madore M., Buat V., **Cortese L.**, Burgarella D., Munoz-Mateos J., Barlow T. A., Forster K., Friedman P. G., Martin D. C., Morrissey P., Neff S. G., Schiminovich D., Seibert M., Small T., Wyder T. K., Bianchi L., Donas J., Heckman T. M., Lee Y., Milliard B., Rich R. M., Szalay A. S., Welsh B. Y., Yi S.K., 2007, ApJS, 173, 524
Radial Variation of Attenuation and Star Formation in the Largest Late-Type Disks Observed with GALEX
 1. Auld R., Minchin R.F., Davies J., Catinella B., van Driel W., Henning P.A., Linder S., Momjian E., Muller E., O'Neil K., Sabatini S., Schneider S., Bothun G., **Cortese L.**, Disney M., Hoffman G. L., Putman M., Rosenberg J. L., Baes M., de Blok W. J. G., Boselli A., Brinks E., Brosch N., Irwin J., Karachentsev I. D., Kilborn V. A., Koribalski B., Spekkens K., 2006, MNRAS, 371, 1617
The Arecibo Galaxy Environment Survey: Precursor Observations of the NGC628 group
-

PRESS RELEASES

Cortese L. et al. 2016, ICRAR/CAASTRO/AAO Press Release
Astronomers shed light on different galaxy types

A. Boselli & **Cortese L.** 2016, ICRAR/CFHT-INAF Press Release
Galaxy trailed by stunning plume of gas

Catinella B. & **Cortese L.** 2014, Swinburne-INAF-Arecibo-RAS14/2541 Press Release
Astronomers see atomic hydrogen emission in galaxies at record breaking distances

Cortese L. et al. 2014, ESA/Herschel-RAS 14/2422 Press Release
Astronomers complete cosmic dust census

Catinella B., **Cortese L.** et al. 2013, Swinburne Press Release
Galaxies in groups are running out of fuel

Scott T. C., **Cortese L.**, Brinks E. et al. 2011, RAS Press Release, PR11/51
A tail of tails

Cortese L. et al. 2007, ESA/STScI Press Release, STScI-2007-12.
Hubble Sees 'Comet Galaxy' Being Ripped Apart By Galaxy Cluster

Cortese L. et al. 2006, RAS Press Release, PR06/20 (NAM13)
Giant filaments give rare insight into galaxy cluster evolution
