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Juan Carlos Muñoz-Mateos

Education & Employment History

- 2013 – present **ESO Fellow**, *European Southern Observatory*, Santiago, Chile.
Working on stellar migration and disk assembly using Spitzer, VIMOS and MUSE. Support astronomer at UT3 with VIMOS and X-SHOOTER. As VIMOS fellow, developing projects to improve the instrument efficiency and reduce overheads.
- 2010 – 2013 **Postdoc**, *National Radio Astronomy Observatory*, Charlottesville, USA.
Studied bar-driven stellar migration in the Spitzer Survey of Stellar Structure in Galaxies (S4G). Worked in the S4G core team during the initial survey design, developed the S4G surface photometry pipeline and led the corresponding data release.
- 2008 – 2010 **Ph.D. Astronomy**, *Complutense University*, Madrid, Spain.
Thesis title: *Analysis of the spatial distribution of stars, gas and dust in nearby galaxies*.
Supervised by A. Gil de Paz and J. Zamorano
- 2000 – 2005 **B.S. Physics & Astronomy (5-year degree)**, *Complutense Univ.*, Madrid, Spain.

Research Interests

- Galaxy formation and evolution
- Mass and size growth of disks
- Radial stellar migration in disks
- Influence of bars in disk evolution
- Star formation at extreme galactocentric distances
- Interplay between star formation and the ISM
- Spatial variations of dust and gas properties within galaxies

Grants & Fellowships

- 2013 – present ESO Fellowship.
- 2005 – 2010 FPU Ph.D. fellowship from the Spanish Ministry of Education and Science.
- 2004 – 2005 Research fellowship for undergraduate students from the Spanish Ministry of Education and Science. Project: attachment of an optical fiber to a spectrograph to be used in Astronomy Labs.

Research Projects and Collaborations

Current projects

- 2014 – present **LEGA-C: Large Early Galaxy Astrophysics Census.** (PI: A. van der Wel). ESO Public Spectroscopic Survey with VIMOS to obtain deep continuum spectra for thousands of galaxies in the COSMOS field.
- 2009 – present **The Spitzer Survey of Stellar Structure in Galaxies (S4G).** (PI: K. Sheth. Funding: NASA JPL). Spitzer Legacy Survey of more than 2300 nearby galaxies at 3.6 and 4.5 μm , now being extended to ellipticals and lenticulars.
- 2014 – present **Precision extragalactic astrophysics: Getting ready for the scientific exploitation of MEGARA.** (PI: A. Gil de Paz. Funding: Spanish Ministry of Economy and Competitiveness). Project to coordinate the extragalactic applications of MEGARA, a new IFU/MOS instrument for the GTC 10m telescope.

Past projects

- 2013 **Towards the scientific exploitation of MEGARA.** (PI: J. Gallego. Funding: Spanish Ministry of Economy and Competitiveness)
- 2010 – 2013 **AstroMadrid: Astrophysics and technological developments in the region of Madrid.** (PI: J. M. Mass Hesse. Funding: Madrid regional government)
- 2009 – 2013 **Multi-wavelength galaxy surveys: stars, dust and gas at different redshifts.** (PI: J. Gallego. Funding: Spanish Ministry of Science and Innovation)
- 2006 – 2011 **First science with GTC: Spanish astronomy at the forefront of European astronomy.** (PI: J. M. Rodríguez Espinosa. Funding: Spanish Ministry of Science and Innovation)
- 2006 – 2009 **ASTRID: Development and exploitation of astronomical instrumentation.** (PI: J. Gallego. Funding: Madrid regional government)
- 2006 – 2009 **Bidimensional analysis of the physical properties of star-forming galaxies in different epochs of the universe.** (PI: J. Zamorano. Funding: Spanish Ministry of Science and Innovation)
- 2004 – 2008 **Multi-wavelength Analysis of Galaxy Populations (MAGPOP).** PI: G. Kauffmann. Funding: Marie Curie Program)

Observing Experience

- Support astronomer at VLT-UT3 (+140 n). Experience with VIMOS, XSHOOTER, SPHERE, VISIR
- Four campaigns with the PPAK IFU at the 3.5 m telescope at Calar Alto Observatory.
- Extensive observation planning experience with Spitzer.
- One campaign at the IRAM 30m radio-telescope.
- Extensive data processing experience with GALEX, SDSS, 2MASS and Spitzer.
- One campaign at the INT telescope at Roque de los Muchachos Observatory.

Awards and Honors

- 2012 Spanish Astronomical Society award for the best thesis in astronomy defended in 2010
- 2005 Best grades for the whole 5-year Physics degree at Complutense University in Madrid
- 2003 Best grades in the first three years of the 5-year Physics degree at Complutense University in Madrid

Invited Talks

- Nov 25 2014 *Migrating stars: the true hitchhikers of the galaxy*, Valongo Observatory, Rio de Janeiro.
- July 9 2012 *Analysis of the spatial distribution of stars, gas and dust in nearby galaxies*, Thesis Prize talk at the 10th Meeting of the Spanish Astronomical Society, Valencia, Spain
- 2012 – present Regular invited speaker in the Astrophysics PhD Program at Complutense University, Madrid. Talks given so far:
 - May 14 2014 *Living close to the stars: life and science at Paranal Observatory*
 - May 22 2013 *Wandering stars: how stellar migration reshapes galactic disks*
 - May 18 2012 *A star's hitchhikers guide to riding galaxy breaks: results from S4G*

Lunch talks and seminars

- Oct 22 2013 *Migrating stars: the true hitchhikers of the galaxy*, European Southern Observatory, Santiago de Chile
- Jan 18 2013 *The impact of bars on disk breaks as probed by S4G*, Max Planck Institute for Astrophysics, Garching
- Aug 20 2008 *Radial distribution of stars, dust and gas in the SINGS galaxies*, Infrared Processing and Analysis Center, Pasadena
- Oct 23 2007 *Multi-wavelength analysis of nearby galaxy disks*, Laboratoire d'Astrophysique de Marseille, Marseille
- Jan 11 2007 *Analysis of spiral disk growth with GALEX and 2MASS*, Departamento de Astrofísica Molecular e Infrarroja, Consejo Superior de Investigaciones Científicas, Madrid

Mentoring

- 2012 Undergraduate: Molly Gallagher, NRAO Summer Student, working on star formation in the extreme outskirts of galaxies. Now a PhD student at Ohio State University.
- 2011 Undergraduate: Raquel Chicharro-Fuertes, NRAO Summer Student, working on disk breaks and bars in the UV. Co-mentored with K. Sheth.
- 2011 Undergraduate: Alexa Ross, NRAO Summer Student, working on galaxies with offset bars. Co-mentored with K. Sheth.

Service & Committees

- Referee for ApJ, A&A, MNRAS
- 2013 – present ESO Extragalactic Group co-organizer
- March 2015 SOC & LOC: *Dissecting Galaxies Near and Far: High Resolution Views of Star Formation and the ISM*, Santiago, Chile
- Nov 2013 LOC: *Deconstructing Galaxies: Structure and Morphology in the Era of Large Surveys*, Santiago, Chile
- 2011 – 2013 NRAO lunch talks co-organizer

Attendance to Training Schools and Workshops

- Nov 2014 *The Craft of Scientific Presentations and Writing*, ESO, Santiago de Chile
- Apr 2014 *Project Management Training*, ESO, Santiago de Chile
- Dec 2013 *Team Building Training*, ESO, Santiago de Chile
- Aug 2007 *Second MAGPOP Summer School*, Kloster Seeon, Germany
- Aug 2006 *First MAGPOP Summer School*, Budapest, Hungary
- Aug – Sep 2006 *Second NEON Archive Observing School*, ESO, Garching, Germany

Education and Public Outreach

- June 16 2015 Outreach talk for ESO's administrative staff.
- 2014 – 2015 Talks on the science done with UT3 for the operators and engineers in Paranal.
- 2014 – Various talks in *Astronomy on Tap* in Santiago.
- 2013 – present Regular collaborator in ESO outreach: talks and activities for kids, interviews for various media, etc.
- Nov 14 2012 Interviewed by CNN to explain recent astronomical discoveries.
- Nov 5 2011 Led bilingual activities in the NRAO Astronomy Festival.
- 2009 *Un año estelar*, outreach article in the cultural magazine *Ventana Abierta*.
- 2009 Lecturer in primary schools during the International Year of Astronomy.
- Mar 2 2009 *Interstellar dust in nearby galaxies*, talk at the Astronomical Association of Madrid.
- 2005 – 2010 Regular collaborator in guided visits to the Complutense University observatory.

Computer skills

- Pipeline devel. Wrote the S⁴G surface photometry pipeline.
- Op. Systems Linux, OS X, Windows
- Astronomy Iraf, R3D/E3D (IFU data reduction)
- Programming C++, IDL, Matlab
- Databases MySQL, phpMyAdmin
- Graphics Rhinoceros (3D modeling)

Publications

Papers are ordered chronologically and split into three groups: first-author papers, papers in which I made significant contributions as a co-author, and papers where I made standard contributions as part of a collaboration.

First-author papers

- 1 **The Spitzer Survey of Stellar Structure in Galaxies (S4G): Stellar Masses, Sizes and Radial Profiles for 2352 Nearby Galaxies**
Muñoz-Mateos, J. C., + S4G team; 2015, ApJS, 219, 3
- 2 **The impact of bars on disk breaks as probed by S4G imaging**
Muñoz-Mateos, J. C.; Sheth, K.; Gil de Paz, A.; Meidt, S., + 27 coauthors; 2013, ApJ, 771, 59
- 3 **Radial Distribution of Stars, Gas, and Dust in SINGS Galaxies. III. Modeling the Evolution of the Stellar Component in Galaxy Disks**
Muñoz-Mateos, J. C.; Boissier, S.; Gil de Paz, A.; Zamorano, J.; Kennicutt, R. C., Jr.; Moustakas, J.; Prantzos, N.; Gallego, J.; 2011, ApJ, 731, 10
- 4 **Radial Distribution of Stars, Gas, and Dust in SINGS Galaxies. II. Derived Dust Properties**
Muñoz-Mateos, J. C.; Gil de Paz, A.; Boissier, S.; Zamorano, J.; Dale, D. A.; Pérez-González, P. G.; Gallego, J.; Madore, B. F.; Bendo, G.; Thornley, M. D.; Draine, B. T.; Boselli, A.; Buat, V.; Calzetti, D.; Moustakas, J.; Kennicutt, R. C.; 2009, ApJ, 701, 1965
- 5 **Radial Distribution of Stars, Gas, and Dust in SINGS Galaxies. I. Surface Photometry and Morphology**
Muñoz-Mateos, J. C.; Gil de Paz, A.; Zamorano, J.; Boissier, S.; Dale, D. A.; Pérez-González, P. G.; Gallego, J.; Madore, B. F.; Bendo, G.; Boselli, A.; Buat, V.; Calzetti, D.; Moustakas, J.; Kennicutt, R. C.; 2009, ApJ, 703, 1569
- 6 **Specific Star Formation Rate Profiles in Nearby Spiral Galaxies: Quantifying the Inside-Out Formation of Disks**
Muñoz-Mateos, J. C.; Gil de Paz, A.; Boissier, S.; Zamorano, J.; Jarrett, T.; Gallego, J.; Madore, B. F.; 2007, ApJ, 658, 1006

Papers where I made substantial contributions as coauthor

- 7 **The instantaneous radial growth rate of stellar discs**
Pezzulli, G.; Fraternali, F.; Boissier, S.; Muñoz-Mateos, J. C.; 2015, MNRAS, 451, 2324
- 8 **The Spitzer Survey of Stellar Structure in Galaxies (S4G): Precise Stellar Mass Distributions from Automated Dust Correction at 3.6 micron**
Querejeta, M.; Meidt, S.; Schinnerer, E.; Cisternas, M.; Muñoz-Mateos, J. C., + 24 coauthors; 2015, ApJS, 219, 5
- 9 **The Odd Offset between the Galactic Disk and Its Bar in NGC 3906**
de Swardt, B., + 29 coauthors (Muñoz-Mateos 7th); ApJ, 808, 90
- 10 **The GALEX/S4G UV–IR Color–Color Diagram: Catching Spiral Galaxies Away from the Blue Sequence**
Bouquin, A.; Gil de Paz, A.; Boissier, S.; Muñoz-Mateos, J. C., + 7 coauthors; 2015, ApJ, 800, 19

- 11 **Spitzer/Infrared Array Camera near-infrared features in the outer parts of S4G galaxies**
Laine, S.; Knapen, J.; Muñoz-Mateos, J. C., + 26 coauthors; 2014, MNRAS, 444, 3015
 - 12 **The Baryonic Tully-Fisher Relationship for S4G Galaxies and the "Condensed" Baryon Fraction of Galaxies**
Zaritsky, D.; Courtois, H.; Muñoz-Mateos, J. C., + 20 coauthors; 2014, AJ, 147, 134
 - 13 **Morphological Parameters of a Spitzer Survey of Stellar Structure in Galaxies**
Holwerda, B.; Muñoz-Mateos, J. C., + 22 coauthors; 2014, ApJ, 781, 12
 - 14 **Molecular gas and star formation in nearby disk galaxies**
Leroy, A., Walter, F.; Sandstrom, K.; Schruba, A.; Muñoz-Mateos, J. C., + 10 coauthors; 2013, ApJ, 146, 19
 - 15 **Integral Field Spectroscopy and Multi-wavelength Imaging of the Nearby Spiral Galaxy NGC 5668: an Unusual Flattening in Metallicity Gradient**
Marino, R.; Gil de Paz, A.; Castillo-Morales, A.; Muñoz-Mateos, J. C., + 12 coauthors; 2012, ApJ, 754, 61
 - 16 **The S4G Perspective on Circumstellar Dust Extinction of AGB Stars in M100**
Meidt, S.; Schinnerer, E.; Muñoz-Mateos, J. C., + 19 coauthors; 2012, ApJ, 748, 30
 - 17 **Estimating the Star Formation Rate at 1 kpc Scales in Nearby Galaxies**
Leroy, A. K.; Bigiel, F.; de Blok, W. J. G.; Boissier, S.; Bolatto, A.; Brinks, E.; Madore, B.; Muñoz-Mateos, J. C.; Murphy, E.; Sandstrom, K.; Schruba, A.; Walter, F.; 2012, AJ, 144, 3
 - 18 **Star formation in the extended gaseous disk of the isolated galaxy CIG 96**
Espada, D.; Muñoz-Mateos, J. C.; Gil de Paz, A.; Sabater, J.; Boissier, S.; Verley, S.; Athanassoula, E.; Bosma, A.; Leon, S.; Verdes-Montenegro, L.; Yun, M.; Sulentic, J.; 2011, ApJ, 736, 20
 - 19 **Integral field spectroscopy of local LCBGs: NGC 7673, a case study. Physical properties of star-forming regions**
Castillo-Morales, A.; Gallego, J.; Pérez-Gallego, J.; Guzmán, R.; Muñoz-Mateos, J. C.; Zamorano, J.; Sánchez, S. F.; 2011, MNRAS, 411, 1819
 - 20 **The Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Sheth, K., + 37 coauthors (Muñoz-Mateos 6th); 2010, PASP, 122, 1397
 - 21 **A Search for Extended Ultraviolet Disk (XUV-Disk) Galaxies in the Local Universe**
Thilker, D., + 28 coauthors (Muñoz-Mateos 9th); 2007, ApJS, 173, 538
 - 22 **Radial Variation of Attenuation and Star Formation in the Largest Late-Type Disks Observed with GALEX**
Boissier, S., + 26 coauthors (Muñoz-Mateos 8th); 2007, ApJS, 173, 524
- [Papers that are team contributions](#)
- 23 **H α Kinematics of S4G spiral galaxies II. Data description and non-circular motions**
Erroz-Ferrer, I., + 18 coauthors (Muñoz-Mateos 8th); 2015, MNRAS, 451, 1004

- 24 **Star Formation in the Local Universe from the CALIFA sample. I. Calibrating the SFR using IFS data**
Catalán-Torrecilla, C., + 26 coauthors (Muñoz-Mateos 13th); 2015, A&A, in press (arxiv/1507.03801)
- 25 **The Spitzer Survey of Stellar Structure in Galaxies (S4G): Multi-component Decomposition Strategies and Data Release**
Salo, H., + 23 coauthors (Muñoz-Mateos 15th); 2015, ApJS, 219, 4
- 26 **Globular Cluster Populations: First Results from S4G Early-type Galaxies**
Zaritsky, D., + 16 coauthors (Muñoz-Mateos 14th); 2015, ApJ, 799, 169
- 27 **A Classical Morphological Analysis of Galaxies in S4G**
Buta, R., + 24 coauthors (Muñoz-Mateos 12th); 2015, ApJS, 217, 32
- 28 **The Mass Profile and Shape of Bars in the Spitzer Survey of Stellar Structure in Galaxies (S4G): Search for an Age Indicator for Bars**
Kim, T., + 26 coauthors (Muñoz-Mateos 13th); 2015, ApJ, 799, 99
- 29 **Cool dust heating and temperature mixing in nearby star-forming galaxies**
Hunt, L. K., + 22 coauthors (Muñoz-Mateos 18th); A&A, 576, 33
- 30 **Morphology and environment of galaxies with disc breaks in the S4G and NIRS0S**
Laine, J., + 18 coauthors (Muñoz-Mateos 9th); 2014, MNRAS, 441, 1992
- 31 **Reconstructing the Stellar Mass Distributions of Galaxies Using S4G IRAC 3.6 and 4.5 μm Images. II. The Conversion from Light to Mass**
Meidt, S., + 28 coauthors (Muñoz-Mateos 10th); 2014, ApJ, 788, 144
- 32 **PACS photometry of the Herschel Reference Survey. Far-IR/submillimetre colours as tracers of dust properties in nearby galaxies**
Cortese, L., + 28 coauthors (Muñoz-Mateos 20th); 2014, MNRAS, 440, 942
- 33 **Unveiling the Structure of Barred Galaxies at 3.6 μm with the Spitzer Survey of Stellar Structure in Galaxies (S4G). I. Disk Breaks**
Kim, T., + 26 coauthors (Muñoz-Mateos 15th); 2014, ApJ, 782, 64
- 34 **ARRAKIS: atlas of resonance rings as known in the S4G**
Comerón, S., + 21 coauthors (Muñoz-Mateos 12th); 2014, A&A, 562, 121
- 35 **Embedded Star Formation in S4G Galaxy Dust Lanes**
Elmegreen, D. M., + 24 coauthors (Muñoz-Mateos 20th); 2014, ApJ, 780, 32
- 36 **X-ray Nuclear Activity in S4G Barred Galaxies: No Link Between Bar Strength and Co-occurrent Supermassive Black Hole Fueling**
Cisternas, M., + 25 coauthors (Muñoz-Mateos 24th); 2013, ApJ, 776, 50
- 37 **On the Origin of Lopsidedness in Galaxies as Determined from the Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Zaritsky, D., + 25 coauthors (Muñoz-Mateos 22nd); 2013, ApJ, 772, 135
- 38 **H α Kinematics of S4G spiral galaxies I. NGC 864**
Erroz-Ferrer, S., + 24 coauthors (Muñoz-Mateos 10th); 2012, MNRAS, 427, 2938
- 39 **A unified picture of breaks and truncations from SDSS and S4G imaging**
Martín-Navarro, I., + 23 coauthors (Muñoz-Mateos 20th); 2012, MNRAS, 427, 1102

- 40 **Breaks in thin and thick discs of edge-on galaxies imaged in the Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Comerón, S., +19 coauthors (Muñoz-Mateos 20th); 2012, ApJ, 759, 98
- 41 **Early type galaxies with tidal debris and their scaling relations in the Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Kim, T., + 23 coauthors (Muñoz-Mateos 15th); 2012, ApJ, 753, 43
- 42 **Reconstructing the stellar mass distributions of galaxies using S4G IRAC 3.6 and 4.5 μ m images: I. Correcting for contamination by PAH, hot dust, and intermediate age stars**
Meidt, S., + 25 coauthors (Muñoz-Mateos 20th); 2012, ApJ, 744, 17
- 43 **Thick disks of edge-on galaxies seen through the Spitzer Survey of Stellar Structure in Galaxies (S4G): Lair of missing baryons?**
Comerón, S., + 23 coauthors (Muñoz-Mateos 15th); 2011, ApJ, 741, 28
- 44 **The unusual vertical mass distribution of NGC 4013 seen through the Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Comerón, S., +22 coauthors (Muñoz-Mateos 8th); 2011, ApJ, 738, 17
- 45 **Grand Design and Flocculent Spirals in the Spitzer Survey of Stellar Structure in Galaxies (S4G)**
Elmegreen, D. M., +28 coauthors (Muñoz-Mateos 25th); 2011, ApJ, 737, 32
- 46 **The Thick Disk in the Galaxy NGC 4244 from S4G Imaging**
Comerón, S., + 18 coauthors (Muñoz-Mateos 8th); 2011, ApJ, 729, 18
- 47 **Formation and evolution of dwarf early-type galaxies in the Virgo cluster. I. Internal kinematics**
Toloba, E.; Boselli, A.; Cenarro, A. J.; Peletier, R. F.; Gorgas, J.; Gil de Paz, A.; Muñoz-Mateos, J. C.; 2011, A&A, 526, 114
- 48 **Mid-infrared Galaxy Morphology from the Spitzer Survey of Stellar Structure in Galaxies (S4G): The Imprint of the De Vaucouleurs Revised Hubble-Sandage Classification System at 3.6 μ m**
Buta, R., + 20 coauthors (Muñoz-Mateos 7th); 2010, ApJS, 190, 147
- 49 **On the buildup of massive early-type galaxies at $z < 1$. I. Reconciling their hierarchical assembly with mass downsizing**
Eliche-Moral, M. C.; Prieto, M.; Gallego, J.; Barro, G.; Zamorano, J.; López-Sanjuan, C.; Balcells, M.; Guzmán, R.; Muñoz-Mateos, J. C.; 2010, A&A, 519, 55
- 50 **Analysis of galaxy spectral energy distributions from far-UV to far-IR with CIGALE: studying a SINGS test sample**
Noll, S.; Burgarella, D.; Giovannoli, E.; Buat, V.; Marcillac, D.; Muñoz-Mateos, J. C.; 2009, A&A, 507, 1793

Meetings and Conference Proceedings (excluding invited talks, see above)

- Jun 2015 “European Week of Astronomy and Space Science”, Tenerife, Spain
Talk: *The origin of stellar breaks at large radii as probed by S4G*
- Oct 2014 “The Formation and Evolution of Exponential Disks in Galaxies”, Flagstaff, USA
Talk: *The origin of stellar breaks at large radii as probed by S4G*

- Nov 2013 “Deconstructing Galaxies: Structure and Morphology in the Era of Large Surveys”, Santiago, Chile
Talk: *The impact of bars on disk breaks as probed by S4G*
- May 2013 “The Role of Bars in Galaxy Evolution”, Granada, Spain
Talk: *The impact of bars on disk breaks as probed by S4G*
- Apr 2013 “9th NRAO Postdoc Symposium”, Greenbank, USA
Talk: *The impact of bars on disk breaks as probed by S4G*
- Jan 2013 “221st Meeting of the American Astronomical Society”, Long Beach, US
Talk: *The impact of bars on disk breaks as probed by S4G*
- Jan 2013 “221st Meeting of the American Astronomical Society”, Long Beach, USA
Talk: *Surface photometry at 3.6 and 4.5 microns for the S4G sample: mapping the old stellar backbone of galaxies*
- Sep 2012 “The ISM in High Redshift Galaxies Comes of Age”, Charlottesville, USA
- Jul 2012 “10th Meeting of the Spanish Astronomical Society”, Valencia, Spain
Poster: *The impact of bars on disk breaks as probed by S4G*
- Jun 2012 “COSMOS 2012 Meeting”, Washington DC, USA
Talk: *A star’s hitchhikers guide to riding galaxy breaks: S4G and COSMOS results*
- Mar 2012 “8th NRAO Postdoc Symposium”, Socorro, USA
Talk: *A star’s hitchhikers guide to riding galaxy breaks: results from S4G*
- Apr 2011 “7th NRAO Postdoc Symposium”, Charlottesville, USA
Talk: *Nearby spiral galaxies as fossil records of disk evolution*
- Jan 2011 “217th Meeting of the American Astronomical Society”, Seattle, USA
Talk: *Analysis of the spatial distribution of stars, gas and dust in nearby galaxies*
- Feb 2010 “Infrared Emission, Interstellar Medium and Star Formation”, Heidelberg, Germany
Talk: *Spatial distribution of stars, dust and gas in the SINGS galaxies*
- Oct 2009 “Third Consolider-GTC meeting”, Cádiz, Spain
- Sep 2009 ASTRID: Scientific and technological challenges in the development of astronomical instrumentation: E-ELT and ALMA
- Jun 2009 “214th Meeting of the American Astronomical Society”, Pasadena, USA
Poster: *Spatial distribution of stars, dust and gas in nearby galaxies: IFU spectroscopy of NGC 4654*
- Nov 2008 “4th MAGPOP Network meeting”, Paris, France
Talk: *Radial distribution of dust properties in the SINGS galaxies*
- Jul 2008 “VIII Meeting of the Spanish Astronomical Society”, Santander, Spain
Talk: *Radial distribution of dust properties in nearby galaxies*
- Feb 2008 “First Consolider-GTC meeting”, El Escorial, Spain
- Oct 2007 “Formation and evolution of galaxy disks”, Rome, Italy
Poster: *Spatially resolved spectral energy distributions of nearby galaxies*
- May 2007 “ASTRID. Development of astronomical instrumentation: future scientific and technological challenges”, Madrid, Spain
- Dec 2006 “2nd MAGPOP Network meeting”, La Palma, Spain
Talk: *Specific SFR profiles in nearby spiral galaxies*

- Sep 2006 “VII Meeting of the Spanish Astronomical Society”, Barcelona, Spain
Talk: *Specific SFR profiles in nearby spiral galaxies: quantifying the inside-out formation of disks*
- Feb 2006 “1st MAGPOP Network Meeting”, Toledo, Spain
Talk: *Specific SFR profiles in nearby spiral galaxies*