



# Formation and Evolution of Galaxy Outskirts



IAU Symposium 321  
Toledo, Spain 14-18 March 2016



## MONDAY March 14<sup>th</sup>, 2016

08:00-09:00	Registration
09:00-09:30	Opening ceremony

### Resolved Stellar Populations in galaxy outskirts (I) – The Milky Way (chair: Lia Athanassoula)

09:30-09:50	Invited: Outskirts of the Milky Way (Francesca Figueras, University of Barcelona)
09:50-10:05	Extended Structure of the Milky Way (Carl Grillmair, California Institute of Technology)
10:05-10:20	The radial extent and scale-length of the Galactic thick disk (Thomas Bensby, Lund Observatory)
10:20-10:35	The age-kinematical features in the Milky Way outer disk (Chao Liu, Chinese Academy of Sciences)
10:35-10:50	Chemical Abundances of Seven Outer Halo M31 Globular Clusters from the Pan-Andromeda Archaeological Survey (Charli Sakari, University of Washington)
10:50-11:05	Vertical displacement of the Milky Way disk (Heidi Newberg, Rensselaer Polytechnic Institute)

Coffee break

### Resolved Stellar Populations in galaxy outskirts (II) – Local Group and beyond (chair: Roberto Abraham)

11:30-12:00	Review: Resolved Stellar Populations in the outskirts on external galaxies (Annette Ferguson, University of Edinburgh)
12:00-12:15	The dynamics of Andromeda's dwarf galaxies and stellar streams (Michelle Collins, University of Surrey)
12:15-12:30	The nature and origin of substructure in the outskirts of the Andromeda galaxy (Edouard Bernard, Observatoire de la Côte d'Azur)
12:30-12:45	Stellar populations in the outskirts of M31: the mid-infrared view (Pauline Barmby, Western University)
12:45-13:00	GHOSTS (Roelof de Jong, Leibniz-Institut für Astrophysik Potsdam)
13:00-13:15	Resolving the extended stellar halos of nearby galaxies: the wide-field PISCeS survey (Denija Crnojevic, Texas Tech University)
13:15-13:30	Resolved Stellar Populations of the interacting galaxies of the M81 group (Sakurako Okamoto, Shanghai Astronomical Observatory)

Lunch (reconvene at 15:00)

### Resolved Stellar Populations in galaxy outskirts (II) – Local Group and beyond (cont.)

15:00-15:15	Outskirts of Local Group Dwarf Galaxies Revealed by Subaru Hyper Suprime-Cam (Yutaka Komiyama, National Astronomical Observatory of Japan)
15:15-15:30	A wide-area chemo-dynamical survey of individual stars in a transforming dwarf galaxy (Giuseppina Battaglia, Instituto de Astrofísica de Canarias)

### Resolved Stellar Populations in galaxy outskirts (III) – Star Formation & IMF (chair: Gerhard Hensler)

15:30-15:45	Star-formation efficiency in the outer Galaxy (Natsuko Izumi, University of Tokyo)
15:45-16:00	The spatially-resolved study of initial mass function in the outer Galaxy (Chikako Yasui, University of Tokyo)
16:00-16:15	A Deeper Look at Faint H $\alpha$ Emission in the Outskirts of Dwarf Galaxies (Janice Lee, Space Telescope Science Institute)
16:15-16:30	Not Even Wrong: An Historical, Philosophical and Ultimately a Scientific Inquiry into the Schmidt Law (Barry Madore, Carnegie Observatories)

16:30-17:15 **Round table on "Resolved Stellar Populations", with F. Figueras, R. M. Rich, A. Ferguson, D. Thilker (chair)**

Coffee and posters on display, DAGAL fellows presentations

21:00-Welcome cocktail at Mercado de San Agustín (see map in conference webpage)



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## TUESDAY March 15<sup>th</sup>, 2016

### Modeling the outskirts of galaxies (I): Cosmological simulations of accretion (chair: Patricia Sánchez-Blázquez)

09:00-09:30	Review: Probing the baryon cycle in galaxy outskirts (Romeel Davé, University of Western Cape)
09:30-09:50	Invited: EAGLE project (Joop Schaye, Leiden Observatory)
09:50-10:05	Circumgalactic Precipitation (Mark Voit, Michigan State University)
10:05-10:20	Models of the outskirts of galaxies in a cosmological context (Andrew Cooper, University of Durham)
10:20-10:35	Cosmic distribution of gas and its connection with galaxies (Alireza Rahmati, University of Zürich)
10:35-10:50	Hot gas in Milky Way size galaxies at $z=0$ (Santi Roca-Fàbrega, Hebrew University of Jerusalem)

Coffee break

### Modeling the outskirts of galaxies (I): Cosmological simulations of accretion (cont.)

11:30-11:45	$z \sim 6$ Metal Line Absorbers as a Probe of Galactic Feedback Models (Laura Keating, Institute of Astronomy, Cambridge)
11:45-12:00	The CARMA Project: Galaxy Formation Models Predictions on Galaxy Formation and Cosmic Flows (Fabrice Durier, Steward Observatory, University of Arizona)

### Modeling the outskirts of galaxies (II) – Modeling dynamics & stellar light (chair: Ivan Minchev)

12:00-12:30	Review: Dynamical modeling of the outskirts of galaxy disks (Lia Athanassoula, Laboratoire d'astrophysique de Marseille)
12:30-12:45	Surfing the bar: The formation of anti-truncated stellar disks (Jakob Herpich, MPA)
12:45-13:00	Spiral pattern beyond optical radius: numerical simulations and synthetic HI observations (Sergey Khoperskov, University of Milan)
13:00-13:15	A Universal Density Profile for the Outer Stellar Halos of Galaxies (Rhea-Silvia Remus, University Observatory Munich)
13:15-13:30	Formation of galaxy outskirts and origin of Sérsic profiles (Carlo Nipoti, Bologna University)

Lunch (reconvene at 15:00)

### Modeling the outskirts of galaxies (II): Modeling dynamics & stellar light (cont.; chair: Victor Debattista)

15:00-15:15	Exploring the stellar halo profile – accretion history connection on statistical samples of mock haloes of $L^*$ galaxies (Nicola C. Amorisco, MPA Garching & ITC Harvard)
15:15-15:30	What shapes stellar population profiles in the outskirts of massive, early-type galaxies? (Michaela Hirschmann, CNRS – Institut d'Astrophysique)

### Modeling the outskirts of galaxies (III) – Outskirts specifics: Abundances, IMF,... (chair: Armando Gil de Paz)

15:30-15:45	Evolving Sparse Stellar Populations (Gustavo Bruzual, IRYA-UNAM)
15:45-16:00	Star formation at low rates – the impact of lacking massive stars on stellar feedback (Gerhard Hensler, University of Vienna)
16:00-16:15	Properties of the outer regions of spiral disks: abundances, colors and ages (Mercedes Mollá, CIEMAT)
16:15-16:30	What can the outskirts of galaxies tell us about dark matter? (Chris Power, ICRAR/UWA)
16:30-16:45	Finding Dwarf Galaxies From Their Tidal Imprints (Sukanya Chakrabarti, RIT)

Coffee and posters on display (reconvene at 17:15)

17:15-18:00 **Round table on “Modeling galaxy outskirts”, with L. Athanassoula, R. Davé, I. Minchev, J. Schaye, V. P. Debattista, P. Sanchez-Blazquez (chair)**

18:00-18:45 **DAGAL fellows presentations**



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**WEDNESDAY March 16<sup>th</sup>, 2016**

## Outskirts of Nearby Galaxies (I) – Going ultra-deep (chair: Janice Lee)

08:30-08:55	Review: Unresolved stellar halos and streams (Roberto Abraham, Dunlap Institute for Astronomy & Astrophysics)
08:55-09:15	Galaxy archeology with ultra deep imaging (Pierre-Alain Duc, AIM Paris-Saclay)
09:15-09:30	Results from the EDGES Survey (Liese van Zee, Indiana University)
09:30-09:45	The Halos and Environments of Nearby Galaxies (HERON) Survey (R. Michael Rich, UCLA)
09:45-10:00	Stellar tidal streams in the outskirts of nearby spiral galaxies (David Martínez Delgado, ARI, University Heidelberg)
10:00-10:20	Invited: Ultra-deep imaging of nearby galaxy outskirts from the ground (Ignacio Trujillo, Instituto de Astrofísica de Canarias)
10:20-10:35	Antitruncations (John Beckman, Instituto de Astrofísica de Canarias)
10:35-10:50	The origin of stellar breaks at large radii as probed by the Spitzer Survey of Stellar Structure in Galaxies (Juan Carlos Muñoz-Mateos, ESO)
10:50-11:05	Parametrizing the Stellar Halos of Galaxies (Richard D'Souza, Max Planck Institute for Astrophysics)

Coffee break

## Outskirts of Nearby Galaxies (II) – Environment (chair: Johan Knapen)

11:30-12:00	Review: Outskirts of ETGs (Reynier Peletier, Kapteyn Astronomical Institute – University of Groningen)
12:00-12:15	Invited: The SLUGGS project (Duncan Forbes, Swinburne University of Technology)
12:15-12:30	Deconstructing the assembly histories and measuring the total masses of halos using discrete tracers (Jean Brodie, UC Observatories)
12:30-12:45	Stellar Populations of Close Companions and Intracluster Light around Local Brightest Cluster Galaxies (Louise Edwards, Yale University)
12:45-13:00	Kinematics and stellar populations of NGC 3311, the cD galaxy in the center of the Hydra I cluster (Claudia Mendes de Oliveira, University of Sao Paulo)
13:00-13:15	Rethinking the Narrative of a Micro-Merger: Tidal Debris with On-Going Star Formation (Rachael Beaton, Carnegie Observatories)
13:15-13:30	The missing satellite problem outside of the Local Group (Masayuki Tanaka, National Astronomical Observatory of Japan)
13:30-13:45	Mass and orbital distribution of early-type galaxy haloes with the Planetary Nebula Spectrograph (Nicola Napolitano, INAF – Observatory of Capodimonte)
13:45-14:00	MESSIER: a satellite to uncover the ultra-low surface brightness universe (David Valls-Gabaud, IoA Cambridge / Observatoire de Paris)

Conference picture at 14:00

Free afternoon



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**THURSDAY March 17<sup>th</sup>, 2016**

## Outskirts of Nearby Galaxies (III) – Star formation & stellar populations in the outskirts (chair: David Thilker)

08:30-09:00	Review: Outskirts of spiral galaxies (Fabio Bresolin, University of Hawaii)
09:00-09:20	Invited: The MUSE Atlas of Disks (Marcella Carollo, ETH Zürich)
09:20-09:35	Studying extra-planar gas in the halos of MaNGA galaxies (Amy Jones, Max Planck Institute for Astrophysics)
09:35-09:50	GASP: Gas stripping and the outskirts of galaxies as a function of environment (Bianca Poggianti, INAF-Astronomical Observatory of Padova)
09:50-10:05	A new view of the spectacular 200 kpc-wide disk of the Malin 1 giant low surface brightness galaxy (Samuel Boissier, Laboratoire d'Astrophysique de Marseille)
10:05-10:20	Gas accretion from the cosmic web feeding disk galaxies (Jorge Sánchez-Almeida, Instituto de Astrofísica de Canarias)
10:20-10:35	Accretion phenomena in nearby starburst dwarf galaxies (Francesca Annibali, INAF-OABO/DIFA)

## Outskirts of Nearby Galaxies (IV) – Rarefied ISM (chair: Jennifer Donovan Meyer)

10:35-10:50	The Connection between Molecular Gas and Star Formation in XUV Disks (Linda Watson, ESO)
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Coffee break

## Outskirts of Nearby Galaxies (IV) – Rarefied ISM (cont.)

11:20-11:35	Molecular gas in the outer disks of spirals (Jonathan Braine, Lab. d'Astrophysique de Bordeaux)
11:35-11:50	Extended HI disks in nearby spiral galaxies (Albert Bosma, Lab. d'Astrophysique de Marseille)
11:50-12:05	Neutral Gas Outside the Disks of Local Group Galaxies (Felix Lockman, NRAO Green Bank)
12:05-12:20	New Perspectives on the Gaseous Halos of Local Group Galaxies (Nicolas Lehner, University of Notre Dame)
12:20-12:35	Dense Cloud Cores revealed by ALMA CO observations in the low metallicity dwarf galaxy WLM (Monica Rubio, Universidad de Chile)
12:35-12:50	The 2X-HI disks of spiral galaxies (Baerbel Koribalski, CSIRO Astronomy and Space Science)
12:50-13:05	HI in the outskirts of Nearby Spirals (Elias Brinks, University of Hertfordshire)
13:05-13:20	The frequency and properties of young tidal dwarf galaxies in nearby groups (Karen Lee-Waddell, CSIRO Astronomy and Space Science)
13:20-13:35	Disentangling the intragroup HI in Compact Groups of galaxies by means of X3D visualization (Lourdes Verdes-Montenegro, Instituto de Astrofísica de Andalucía – CSIC)

Lunch (reconvene at 15:00)

## Outskirts of Nearby Galaxies (IV) – Rarefied ISM (cont.) (chair: Claudia Mendes de Oliveira)

15:00-15:15	Star formation efficiency in the outer disks of spiral galaxies (Thijs J.M. van der Hulst, Kapteyn Astronomical Institute – University of Groningen)
15:15-15:30	The Structure of Halo Gas around M33 (Olivia Keenan, Cardiff University)
15:30-15:45	What can the occult do for you? – Lessons from overlapping galaxy pairs (Benne Holwerda, Leiden Observatory)
15:45-16:00	Delving into the gas-phase of CALIFA galaxies to trace O and N abundance gradients (Enrique Pérez-Montero, Instituto de Astrofísica de Andalucía – CSIC)
16:00-16:20	Invited: Outer Disk Star Formation in HI Rich Galaxies (Gerhardt Meurer, U. of Western Australia)

Coffee and posters on display (reconvene at 16:50)

## Outskirts of Distant Galaxies and Systems (I) – Galaxy growth (chair: Hsiao wen Chen)

16:50-17:20	Review: Outer regions of high-z disks (Natascha Förster Schreiber, Max-Planck-Institut für extraterrestrische Physik)
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17:20-18:20 **DAGAL fellows presentations**

**Conference dinner at Cigarral Ángel Custodio. Buses leaving at 20:30 from parking (see map in webpage)**



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**FRIDAY March 18<sup>th</sup>, 2016**

## Outskirts of Distant Galaxies and Systems (I) – Galaxy growth (cont.) (chair: Ignacio Trujillo)

08:30-08:50	Invited: The KMOS3D project (Emily Wisnioski, Max Planck Institute for Extraterrestrial Physics)
08:50-09:05	Falling outer rotation curves of star-forming galaxies at $0.6 < z < 2.6$ probed with KMOS-3D and SINS/zc-SINF (Philipp Lang, Max-Planck-Institute for Extraterrestrial Physics)
09:05-09:20	Large scale profiles of galaxies at $z=0-2$ studied by stacking the HSC SSP survey data (Mariko Kubo, The University of Tokyo – ICRR)
09:20-09:35	The outskirts of massive early-type galaxies at $z=0.65$ in the Hubble Ultra Deep Field (Fernando Buitrago, Institute of Astrophysics and Space Sciences)
09:35-09:50	The observed peripheral growth of disc galaxies from $z\sim 1$ (Dimitri Gadotti, ESO)
09:50-10:05	The buildup of the outskirts of distant star-forming galaxies at $z\sim 2$ (Sandro Tacchella, ETH Zürich)

## Outskirts of Distant Galaxies and Systems (II) – Circumgalactic gas (chair: Natascha Förster-Schreiber)

10:05-10:20	Using rotation measure to search for magnetic fields around galaxies at $z\sim 0.3$ (Anna Williams, University of Wisconsin-Madison)
10:20-10:35	Local Analogs for High-redshift Galaxies: Interstellar Medium Conditions and Metallicities in High redshift Galaxies (Fuyan Bian, Australian National University)

Coffee break

## Outskirts of Distant Galaxies and Systems (II) – Circumgalactic gas (cont.)

11:00-11:15	An extended Lyman- $\alpha$ halo at $z=3.5$ seen with MUSE (Vera Patricio, Centre de Recherche Astrophysique de Lyon)
11:15-11:30	ICL light in a $z\sim 0.5$ cluster: the MUSE perspective (J.C. Muñoz-Mateos, E. Pompei, ESO-Chile)
11:30-11:45	Outflows in low-mass galaxies at $z > 1$ (Michael Maseda, Leiden Observatory)
11:45-12:00	Outflows in $1 < z < 2$ wet mergers (Valentin Perret, Universität Zürich)
12:00-12:15	HST observations reveal the curious geometry of circumgalactic gas (Glenn Kacprzak, Swinburne University of Technology)
12:15-12:30	Gas Kinematics in the Multiphase Circumgalactic Medium (Nikki Nielsen, Swinburne University of Technology)
12:30-12:45	Hot halos around spiral galaxies: a unique probe of structure formation models (Akos Bogdan, Harvard-Smithsonian Center for Astrophysics)
12:45-13:00	Cold molecular halo gas in proto-cluster radio galaxies: assembling the outskirts of giant galaxies through cold accretion and jet-triggered cooling (Bjorn Emonts, Centro de Astrobiología – CSIC/INTA)

Lunch (reconvene at 14:30)

## Outskirts of Distant Galaxies and Systems (III) – Absorbers (chair: Pablo G. Pérez-González)

14:30-15:00	Review: Understanding galaxy outskirts using DLAs (Hsiao-Wen Chen, University of Chicago)
15:00-15:20	Invited: DLAs and outskirts of galaxies (Neil Crighton, Swinburne University of Technology)
15:20-15:35	The MUSE QSO Blind Survey: A Census of Absorber Host Galaxies (Lorrie Straka, Leiden Univ.)
15:35-15:50	Dispersion in DLA metallicities and deuterium abundances (Irina Dvorkin, Institut d'Astrophysique de Paris)
15:50-16:05	The mass-metallicity relation of absorption selected high-redshift galaxies (Lise Christensen, Dark Cosmology Center, Niels Bohr Institute)
16:05-16:20	The SFR Efficiency of Atomic-dominated Hydrogen Gas in the Outskirts of Star Forming Galaxies from $z\sim 1$ to $z\sim 3$ (Marc A. Rafelski, NPP-NASA Goddard)

16:20-17:10 Posters 'pop-up' session

17:10-18:00 **Round table on “Future perspectives for Resolved, Nearby and Distant Galaxy Outskirts”, with R. Abraham, I. Trujillo, N. Förster-Schreiber, B. Madore, J. Lee, A. Gil de Paz (chair)**

18:00 Adjourn



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## POSTERS

#	First Author	Title
2	Aghaee, F.	A Study of the Distributions of Surface Brightness Profiles of Galaxies in their Central Regions
3	Aghaee, A.	Determining Metal Abundances of Distant Galaxies using Quasar Spectra
5	Aniyan, S.	Resolving the Disk-Halo Degeneracy: A look at M74
11	Barnes, P.	A New Mass Conversion Law for CO Observations
12	Barway, S.	A Spitzer Study of Pseudo-bulges in S0 Galaxies: Secular Evolution of Disks
14	Battaner, E.	Magnetic fields at the rim of spiral galaxies
15	Beasley, M.	Halo Masses of Ultra Diffuse Galaxies
21	Bird, S.	Velocity Dispersion Profile with Halo K Giant Spectra from LAMOST
22	Boardman, N.	The stellar outskirts of early-type galaxies with the Mitchell integral-field Spectrograph
25	Borlaff, A.	Why are abrupt breaks found in edge-on galaxy discs and not in the discs of face-on galaxies?
29	Bravo-Alfaro, H.	Studying the galaxies outskirts in HI and NIR: Environmental effects and galaxy evolution in nearby clusters
33	Brosch, N.	Probing the outer regions of edge-on galaxies with deep imaging
35	Buck, T.	The Plane Truth: Andromeda analog thin Planes of Satellites are not kinematical coherent structures
37	Cardiel, N.	Understanding biases when fitting disk truncations
41	Catalán Torrecilla, C.	Spatially-resolved SFR in nearby disk galaxies using IFS data
42	Cebrián, M.	How galaxies look-like beyond 31mag/arcsec <sup>2</sup> ?
44	Chang, R.	The Evolution of Interacting Spiral Galaxy NGC 5194
47	Ciambur, B.	Finding the Hidden Features Around Galaxies
48	Cicuendez, L.	Probing the low surface brightness outskirts of Milky Way Dwarf Spheroidal Galaxies
51	Cortesi, A.	Studying the kinematics of the outskirts of lenticular galaxies: hidden signs of their formation histories
58	Diaz Tello, J.	Star Formation Activity in Balmer Break Galaxies at z
60	Duc Thong, L.	Strong limit on variation of the fine-structure constant using absorption line multiplets in the early universe
63	Dunn, J.	Investigating Environmental Trends in the Outer Visible Edges of Dwarf Irregular Galaxies
70	Erroz Ferrer, S.	H $\alpha$ kinematics of nearby galaxies using Fabry-Perot and IFU data
71	Falceta-Goncalves, D.	Stellar Feedback and Magnetic Fields on the Gas Loss Process of Dwarf Galaxies
74	Ferrero, S.	Redshift evolution of the Tully-Fisher relation in the EAGLE simulation
76	Filho, M.	Circumgalactic Gas in Galaxies Going Through a Gas Accretion Event
77	Florido, E.	Are "U-shape" age profiles a universal feature in spiral galaxies?
80	Foster, C.	Beyond the wall: untold tales from the outer kinematics of 25 SLUGGS early-type galaxies
81	Fouquet, S.	Modeling the kinematics and star formation history of Andromeda II by a gas-rich major merger of dwarf galaxies
83	Fu, J.	The radial profiles of gas disks in semi-analytic models of galaxy formation
85	Gajda, G.	Stripping of satellites on prograde and retrograde orbits
86	Gallego, J.	Star Formation in Low-Mass Star-Forming Galaxies at intermediate redshifts



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88	George, K.	Outskirts of star forming blue early-type galaxies
93	Hakopian, S.	The Details from the 3D-spectroscopy of Star-forming Galaxies
100	Hu, S.	Stellar Spiral Structures in Triaxial Dark Matter Haloes
102	Idiart, T.	The chemical enrichment of Milk Way Halo
103	Igarashi, A.	A new concept of transonic galactic outflows and its application to the Sombrero galaxy
104	Ikiz, T.	Low luminosity AGNs in the Local Universe
107	Jang, I.	Unveiling the Formation History of the Massive Elliptical Galaxy M105 through Resolved Stars
110	Kang, J.	Tracing the giant outer halo of the intriguing massive disk galaxy M104 with globular cluster systems
111	Karabal, E.	Study of the growth of massive galaxies based on their outer stellar populations
116	Kim, T.	Bar-driven secular evolution on disk galaxies: what's shaping disk galaxies?
117	Kim, M.	KMTNet Nearby Galaxy Survey
118	Kirihara, T.	Multilateral Study of the Formation of the Andromeda Giant Stellar Stream
120	Ko, Y.	Beyond the Edge of M87: Intracluster Globular Clusters in the Virgo Cluster
124	Kowalczyk, K.	Orbit anisotropy of dark matter haloes with Schwarzschild modeling
126	Kumamoto, J.	Investigation into the Origin of Age-Velocity dispersion Relation by High Resolution Simulation
128	Laurikainen, E.	Barlenses and their connection to boxy/peanut/X-shape bulges
130	Lee, M.	Chemical Evolution of Resolved Stars in the cD Galaxy M87 and its Outskirts
136	Lopez, E.	On the physics of negative signatures in velocity profiles of Galactic Nebulae
137	Lowenthal, J.	Molecular Gas in High-Redshift Sub-millimeter Galaxies
140	Martinsson, T.	Baryonic and dark matter mass distributions in disk galaxies
143	Martínez Lombilla, C.	Probing the origin of thick disks using ultra-deep images
145	Matsuo, M.	A survey of molecular clouds in the outer Galaxy with the highest spatial resolution
148	Merritt, A.	Ultra-deep observations of the stellar halos of spiral galaxies: Results from the Dragonfly Telephoto Array
150	Mieske, S.	Super-massive black holes hidden in the outskirts of galaxies
152	Minter, A.	Metallicity Limits For Smith's Cloud From OH Observations
153	Miranda, M.	Origin of the Metallicity Distribution in the Thick Disc
155	Monachesi, A.	Resolving the stellar outskirts of six Milky Way-like galaxies beyond the Local Group
156	Montes, M.	The buildup of the outskirts of massive galaxies
157	Morales, G.	Stellar Tidal Streams as Cosmological Diagnostics
158	Morokuma, K.	Search for molecular gas in XUV disk of M83
166	Nykytyuk, T.	Tracing of the chemical evolution of the massive elliptical galaxy NGC 3377 using a merger scenario
167	Okamoto, S.	Resolved Stellar Populations of the interacting galaxies of the M81 group
170	Patsis, P.	Outer spiral structure in disk galaxies
178	Preston, J.	Mapping the tidally disrupting Andromeda XXVII and its stellar stream
187	Ramirez-Moreta, P.	Asymmetries in extremely isolated galaxies. The case of CIG96
188	Rampazzo, R.	The evolution of SOs with UV bright ring: a SWIFT-UVOT study
192	Rodríguez Baras, M.	Comparison between circumnuclear and external HII regions with CALIFA data
193	Romero-Gomez, M.	Connecting interacting galaxies with manifolds



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#	First Author	Title
194	Román, J.	How the galactic cirrus are affecting your observations?
195	Rousseau-Nepton, L.	Insight on Star Formation in the Outskirts of Galaxies with SITELE
197	Ruiz-Lara, T.	No direct coupling between bending of galaxy disc stellar age and light profiles as seen from CALIFA
199	Salo, H.	Comparison of observed and simulated P/B/X/Barless galaxies
200	San Roman, I.	Exploring the spatially-resolved stellar populations of nearby galaxies with multi-filter surveys: A 2-D study of the ALHAMBRA galaxies
203	Schauer, A.	The sigma-bump in the outskirts of elliptical galaxies: a signature for Major Mergers
205	Semczuk, M.	Formation and evolution of spiral arms in galaxies orbiting a Virgo-like cluster
206	Sen, S.	Stellar Populations of Dwarf Elliptical Galaxies
208	Silchenko, O.	Outer stellar disks and starforming rings in S0 galaxies
209	Smirnova, A.	The extended ionized gas filaments in Mrk 6
210	Soto, E.	Galaxies Unveiled: Rest-frame UV Clumps at $0.5 < z < 1.5$
212	Sybilska (Rys), A.	Real and simulated IFU observations of low-mass early-types: environmental influence probed for cluster galaxies
215	Sánchez-Martín, P.	Warped invariant manifolds in precessing galactic bar models
218	Thilker, D.	A Citizen-Science-enabled Comprehensive Search for XUV-disk Galaxies
219	Toyouchi, D.	Structure and dynamics of the Milky Way disk as revealed from the radial velocity distributions of APOGEE red clump stars
223	Urrutia-Viscarra, F.	Star formation outside the Elliptical Galaxy NGC2865
228	Venhola, A.	Fornax cluster Deep Survey (FDS): Low surface brightness structures in the center of the Fornax cluster
229	Vennik, J.	The outskirts of satellite galaxies in nearby groups of galaxies
232	Villicaña Pedraza, I.	Submillimetric study of nearby galaxies: NGC 253, NGC 4945 and Arp 220
235	Wang, J.	Revisiting the galaxy HI size-mass relation
237	Weilbacher, P.	The Outskirts of the Antennae with MUSE
241	Yildiz, M.	Recent Star Formation in the HI dominant outer regions of Early Type Galaxies
242	Yuan, F.	Galaxy close pairs in MaNGA
244	Zhang, J.	How big are stellar disks?
246	Zheng, Z.	Extended stellar population profiles of nearby disk galaxies
248	del Pino Molina, A.	What can resolved stellar populations tell us about the evolution of dSph galaxies?