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**A whirling plane of satellite galaxies around Centaurus
A challenges cold dark matter cosmology**

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108	Resolution of the small scale structure issues with dissipative dark matter from multiple standard model sectors. 2018 , 98,		1
107	A New Reservoir of Dwarf Galaxy Candidates in the Centaurus A Group. 2018 , 14, 353-356		
106	A whirling plane of satellite galaxies around Centaurus A challenges CDM cosmology. 2018 , 14, 473-476		
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104	Understanding planes of satellites. 2018 , 14, 477-480		
103	A Collection of New Dwarf Galaxies in NGC 5128 \square Western Halo. 2018 , 867, L15		13
102	The Large-scale Structure of the Halo of the Andromeda Galaxy. II. Hierarchical Structure in the Pan-Andromeda Archaeological Survey. 2018 , 868, 55		66
101	MOND simulation suggests an origin for some peculiarities in the Local Group. 2018 , 614, A59		31
100	Consequences of the external field effect for MOND disc galaxies in galaxy clusters. 2018 , 480, 5362-5379		6
99	The Future of Dwarf Galaxy Research: What Telescopes Will Discover. 2018 , 14, 3-16		1
98	Impact of Distance Determinations on Galactic Structure. II. Old Tracers. 2018 , 214, 1		8
97	The Leo-I group: new dwarf galaxy and ultra diffuse galaxy candidates. 2018 , 615, A105		49
96	Testing gravity with wide binary stars like \square Centauri. 2018 , 480, 2660-2688		27
95	Distances from the tip of the red giant branch to the dwarf galaxies dw1335-29 and dw1340-30 in the Centaurus group. 2018 , 615, A96		19
94	Galactic Forces Rule the Dynamics of Milky Way Dwarf Galaxies. 2018 , 860, 76		19

93	Origin of the Local Group satellite planes. 2018 , 477, 4768-4791	24
92	Fuzzy dark matter at cosmic dawn: new 21-cm constraints. 2019 , 2019, 051-051	20
91	The ultra-diffuse dwarf galaxies NGC 1052-DF2 and 1052-DF4 are in conflict with standard cosmology. 2019 , 489, 2634-2651	13
90	Dwarf Galaxies in the Local Volume. 2019 , 74, 111-127	7
89	Galaxies lacking dark matter in the Illustris simulation. 2019 , 626, A47	19
88	Direct detection of WIMP dark matter: concepts and status. 2019 , 46, 103003	129
87	Using Surface Brightness Fluctuations to Study Nearby Satellite Galaxy Systems: Calibration and Methodology. 2019 , 879, 13	24
86	Evolution of galactic planes of satellites in the eagle simulation. 2019 , 488, 1166-1179	22
85	Dark Matter Haloes and Subhaloes. 2019 , 7, 81	36
84	The orientation of planes of dwarf galaxies in the quasi-linear Universe. 2019 , 490, 3786-3792	7
83	Proper motions of the satellites of M31. 2019 , 488, 3231-3237	4
82	The origin of lopsided satellite galaxy distribution in galaxy pairs. 2019 , 488, 3100-3108	5
81	The distribution of dark matter in galaxies. 2019 , 27, 1	68
80	Modeling Space-Terrestrial Integrated Networks with Smart Collaborative Theory. 2019 , 33, 51-57	41
79	Testing gravity with interstellar precursor missions. 2019 , 487, 2665-2672	4
78	Effects of coplanar satellite bands on galactic disc evolution. 2019 , 487, 2969-2975	
77	Study of gravitational fields and globular cluster systems of early-type galaxies. 2019 , 625, A32	9
76	Do Halos that Form Early, Have High Concentration, Are Part of a Pair, or Contain a Central Galaxy Potential Host More Pronounced Planes of Satellite Galaxies?. 2019 , 875, 105	14

75	The velocity anisotropy of the Milky Way satellite system. 2019 , 486, 2679-2694	21
74	The Faint End of the Centaurus A Satellite Luminosity Function. 2019 , 872, 80	50
73	The shape alignment of satellite galaxies in Local Group-like pairs from the SDSS. 2019 , 484, 4325-4336	6
72	Distance to the nearby dwarf galaxy [TT2009] 25 in the NGC 891 group using the tip of the red giant branch. 2019 , 629, L2	3
71	The dwarf galaxy satellite system of Centaurus A. 2019 , 629, A18	39
70	The Number of Dwarf Satellites of Disk Galaxies versus their Bulge Mass in the Standard Model of Cosmology. 2019 , 870, 50	7
69	The Milky Way's disc of classical satellite galaxies in light of Gaia DR2. 2020 , 491, 3042-3059	37
68	Sardinia Radio Telescope observations of Local Group dwarf galaxies II. The cases of NGC 6822, IC 1613, and WLM. 2020 , 492, 45-57	1
67	An updated detailed characterization of planes of satellites in the MW and M31. 2020 , 499, 3755-3774	5
66	The KBC void and Hubble tension contradict Λ CDM on a Gpc scale [Milgromian dynamics as a possible solution. 2020 , 499, 2845-2883	32
65	Dark Matters on the Scale of Galaxies. 2020 , 6, 107	27
64	An excess of small-scale gravitational lenses observed in galaxy clusters. <i>Science</i> , 2020 , 369, 1347-1351	33-36
63	Limit on the LMC mass from a census of its satellites. 2020 , 495, 2554-2563	47
62	A recent major merger tale for the closest giant elliptical galaxy Centaurus A. 2020 , 498, 2766-2777	11
61	Metal-poor nuclear star clusters in two dwarf galaxies near Centaurus A suggesting formation from the in-spiraling of globular clusters. 2020 , 634, A53	16
60	The Formation of Exponential Disk Galaxies in MOND. 2020 , 890, 173	14
59	The Milky Way's stellar streams and globular clusters do not align in a Vast Polar Structure. 2020 , 494, 983-1001	18
58	A correlation between the number of satellites and the bulge-to-total baryonic mass ratio extending beyond the Local Group. 2020 , 493, L44-L48	9

57	The properties of dwarf spheroidal galaxies in the Cen A group. 2021 , 645, A92	7
56	Observational insights on the origin of giant low surface brightness galaxies. 2021 , 503, 830-849	4
55	Barred spiral galaxies in modified gravity theories. 2021 , 503, 2833-2860	8
54	On the absence of backplash analogues to NGC 3109 in the Λ CDM framework. 2021 , 503, 6170-6186	1
53	Scalar field dark matter as an alternative explanation for the anisotropic distribution of satellite galaxies. 2021 , 103,	0
52	Planes of satellites around Milky Way/M31-mass galaxies in the FIRE simulations and comparisons with the Local Group. 2021 , 504, 1379-1397	9
51	Feyerabend's rule and dark matter. 1	0
50	The Lopsided Distribution of Satellites of Isolated Central Galaxies. 2021 , 914, 78	2
49	A Corotating Group of Dwarf Galaxies around NGC 2750 as a Centaurus A Analog. 2021 , 917, L18	2
48	Tracing satellite planes in the Sculptor group. 2021 , 652, A48	8
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46	MOND-like behavior in the Dirac-Milne universe. 2021 , 652, A91	1
45	Resolved Dwarf Galaxy Searches within ~ 5 Mpc with the Vera Rubin Observatory and Subaru Hyper Suprime-Cam*. 2021 , 918, 88	5
44	Phase-Space Correlations among Systems of Satellite Galaxies. 2021 , 9, 66	0
43	Ultra diffuse galaxies in the MATLAS low-to-moderate density fields.	4
42	Tracing the local volume galaxy halo-to-stellar mass ratio with satellite kinematics.	2
41	The coherent motion of Cen A dwarf satellite galaxies remains a challenge for Λ CDM cosmology. 2021 , 645, L5	10
40	The M101 Satellite Luminosity Function and the Halo-Halo Scatter among Local Volume Hosts. 2019 , 885, 153	44

39	Wide-field Survey of Dwarf Satellite Systems around 10 Hosts in the Local Volume. 2020 , 891, 144	41
38	Planes of Satellites around Simulated Disk Galaxies. I. Finding High-quality Planar Configurations from Positional Information and Their Comparison to MW/M31 Data. 2020 , 897, 71	6
37	The Alignment of Satellite Systems with Cosmic Filaments in the SDSS DR12. 2020 , 900, 129	5
36	Testing the Strong Equivalence Principle: Detection of the External Field Effect in Rotationally Supported Galaxies. 2020 , 904, 51	36
35	Impact of Distance Determinations on Galactic Structure. II. Old Tracers. 2018 , 219-282	
34	A working hypothesis on the muon-decay time shortening and time. 2019 , 25, 60-77	3
33	Back to the roots: the concepts of force and energy. 2021 ,	
32	Are Disks of Satellites Comprised of Tidal Dwarf Galaxies?. 2021 , 9, 100	0
31	The Cen A galaxy group: Dynamical mass and missing baryons.	1
30	It's time for some plane speaking. 2021 , 5, 1185-1187	3
29	Hubble Space Telescope Observations of NGC 253 Dwarf Satellites: Three Ultra-faint Dwarf Galaxies*. 2022 , 926, 77	1
28	3D hydrodynamic simulations for the formation of the local group satellite planes.	0
27	Implications of the correlation between bulge-to-total baryonic mass ratio and the number of satellites for SAGA galaxies.	
26	On the Co-orbitation of Satellite Galaxies along the Great Plane of Andromeda: NGC 147, NGC 185, and Expectations from Cosmological Simulations. 2021 , 923, 42	1
25	Planes of satellites are not a problem for (just) Λ CDM. 2021 , 5, 1188-1190	0
24	Reproducing NGC 3109 association in numerical simulations. 2021 , 510, 1923-1933	
23	The Clustering of Orbital Poles Induced by the LMC: Hints for the Origin of Planes of Satellites. 2021 , 923, 140	4
22	Galactic Anomalies and Particle Dark Matter. 2022 , 14, 812	0

21	Around the Spindle Galaxy: The Dark Halo Mass of NGC 3115. 2022 , 163, 234	1
20	The spatial distribution of satellites in galaxy clusters.	
19	Relating the Diverse Merger Histories and Satellite Populations of Nearby Galaxies. 2022 , 930, 69	1
18	Sizing from the smallest scales: The mass of the milky way.	2
17	Baryonic solutions and challenges for cosmological models of dwarf galaxies.	3
16	On the Effect of the Large Magellanic Cloud on the Orbital Poles of Milky Way Satellite Galaxies. 2022 , 932, 70	2
15	The distribution and morphologies of Fornax Cluster dwarf galaxies suggest they lack dark matter.	2
14	From Galactic Bars to the Hubble Tension: Weighing Up the Astrophysical Evidence for Milgromian Gravity. 2022 , 14, 1331	2
13	The Exploration of Local VolumE Satellites (ELVES) Survey: A Nearly Volume-limited Sample of Nearby Dwarf Satellite Systems. 2022 , 933, 47	4
12	Shapes of Milky-Way-mass galaxies with Self-Interacting Dark Matter.	0
11	Dark sector domain walls could explain the observed planes of satellites. 2022 , 2022, 020	0
10	The quantum character of the Scalar Field Dark Matter.	0
9	The Hubble Space Telescope Survey of M31 Satellite Galaxies. I. RR Lyrae-based Distances and Refined 3D Geometric Structure. 2022 , 938, 101	1
8	Mapping Dark Matter with Extragalactic Stellar Streams: The Case of Centaurus A. 2022 , 941, 19	2
7	Cosmological constraints on the multiscalar field dark matter model. 2022 , 106,	0
6	Classifying the satellite plane membership of Centaurus A's dwarf galaxies using orbital alignment constraints.	0
5	Planes of Satellites around Simulated Disk Galaxies. II. Time-persistent Planes of Kinematically Coherent Satellites in Λ CDM. 2023 , 942, 78	0
4	Exploring the effects of primordial non-Gaussianity at galactic scales. 2023 , 2023, 024	0

- 3 The volume density of giant low surface brightness galaxies. ○
- 2 New dwarf galaxy candidates in the sphere of influence of the Local Volume spiral galaxy NGC2683. **2023**, 521, 4009-4023 ○
- 1 New Velocity Measurements of NGC 5128 Globular Clusters Out to 130 kpc: Outer Halo Kinematics, Substructure, and Dynamics*. **2023**, 947, 34 ○