

Lingjian CHEN

M.Sc. Candidate

Saint Mary's University, Halifax, NS, Canada

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Education

- **Saint Mary's University** Halifax, NS, Canada
M.Sc. Astronomy 2017 - 2019 (expected)
 - Courses taken: Galactic Astronomy, Stellar Interior, High Energy Astrophysics
 - Courses in progress: Extragalactic Astronomy, Cosmology, Observational Methods
 - Current GPA: 4.15 / 4.3
- **Shanghai Jiao Tong University** Shanghai, China
B.Sc. Physics 2013 - 2017
 - Undergraduate Thesis: Globular Clusters around Ultra Compact Dwarfs
 - Graduated with major GPA: 3.55 / 4.3

Research Projects

- **Satellite Galaxy Population in CFHT-CLAUDS** Saint Mary's University
Master's Thesis Project Jan. 2018 - Now
 - 20 deg² deep imaging from CFHT-CLAUDS + Subaru-HSC
 - Selected satellite galaxy population at $0.3 < z < 0.9$
 - Made Radial Number density profiles to constrain satellite galaxy evolution
- **Origin of Ultra Compact Dwarfs (UCDs)** Shanghai Jiao Tong University
Bachelor's Thesis Project Oct. 2016 - Apr. 2017
 - Selected tens of UCDs in Virgo Cluster from NGVS survey on CFHT
 - Put constraint on formation channels of ultra-compact dwarfs
- **Globular Cluster Richness in Dwarf Galaxies** Shanghai Jiao Tong University
Undergrad Research Project Sept. 2015 - Aug. 2016
 - Investigated globular Cluster Abundance in Dwarfs in Virgo Cluster (NGVS survey)
 - Constrained globular cluster specific frequency for low-mass dwarfs

Awards, Grants & Honours

Faculty of Graduate Studies & Research (FGSR) Fellowship (SMU)	2017
FGSR Graduate Award (SMU)	2017
NSERC Research fellowship	2017
Academic Excellence Scholarship (SJTU)	2014, 2016

Publications

- M. Sawicki et al. in prep (CLAUDS overview paper)
- L.Chen et al. in prep (based on my thesis project)

Other Activities

- Volunteer observatory tour guide on SMU campus (2017-)
- Physics Lab Teaching Assistant at SMU (2017-)
- President of Amateur Astronomy Society at SJTU (2014-2015)