

Seiji Fujimoto

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Research Interests

- Evolution of massive galaxies
- Structure formation in the early Universe
- Interplay between galaxy, circum-galactic medium, and inter-galactic medium

Education

- 2016 - present Ph.D. candidate (Expected Mar. 2019) Graduate school of Science, Department of Astronomy, University of Tokyo (Advisor: Masami Ouchi)
- 2014 - 2016 M.Sc. Graduate school of Science, Department of Astronomy, University of Tokyo
- 2010 - 2014 B.Sc. Department of Astronomy, University of Tokyo

Awards

- 2016 University of Tokyo School of Science Research Award for Master Students¹
- 2016 Institute for Cosmic Ray Research President's Award for Master Students²
- 2015 University of Tokyo President's Award for Students³
- 2014 - 2016 Japan Student Services Top 10% among 25,000 students

Scholarship

- 2016 - 2019 Japan Society for the Promotion of Science (JSPS) DC1 Research Fellow⁴
- 2015 - 2016 Iwadare Scholarship
- 2014 - 2015 JGC-S Scholarship

Research Grant

- 2016 - 2019 JSPS Research Fellowship Grant No. 16J02344 2,800,000 JPY
- 2018 ALMA PI Support Grant No. NAOJ-ALMA-197
- 2017 Graduate Research Abroad in Science Program 520,170 JPY
- 2017 ALMA PI Support Grant No. NAOJ-ALMA-164
- 2016 Yukio Hayakawa Fund 219,310 JPY
- 2016 ALMA PI Support Grant No. NAOJ-ALMA-145
- 2015 Yukio Hayakawa Fund 194,088 JPY

Observation & Data Analysis Experience

Accepted Proposals (S. Fujimoto as a PI)

- Subaru/MOIRCS S16A0033N, 15 hrs
- JCMT/SCUBA2 M17BP073, 24 hrs
- JCMT/SCUBA2 M18AP001, 30 hrs
- ALMA 2017.1.00531.S, 18 hrs

Visitor observations

Subaru/FOCUS, Subaru/MOIRCS, Keck/MOSFIRE, JCMT/SCUBA2, Nobeyama 45m, IRAM 30m

International Conferences & Workshops

Oral talks

- 2018/10 ALMA HSC QSO Workshop, Mitaka, Japan (Invited)
- 2018/09 Chili-Japan Academic Forum, Nikko, Japan (Invited)
- 2017/08 Twenty years of Submillimeter Galaxies, Durham, England
- 2017/04 ALMA Deep Surveys and Synergies with HST and JWST, Mitaka, Japan (Invited)
- 2016/12 The 6th Subaru International Conference, Hiroshima, Japan
- 2016/10 Physical Characteristics of Normal Galaxies at $z > 2$, Leiden, Holland
- 2015/12 Workshop for ALMA Large Proposal of gALactic Cold gAs Survey, Mitaka, Japan
- 2015/12 ALMA deep surveys on GOODS-S and beyond, Mitaka, Japan
- 2015/12 East Asia ALMA Science Workshop, Umeda, Japan
- 2015/04 ALMA/Herschel Archival Workshop 2015, Garching, Germany
- 2014/12 ALMA 3rd Year, Tokyo, Japan

Poster

- 2018/09 Birth, life, and fate of massive galaxies, Favignana, Italy
- 2017/07 COSMOS Meeting, Kyoto, Japan
- 2016/09 Half decade of ALMA, Indian Wells, United States
- 2016/06 The Cold Universe, Santa Barbara, United States
- 2014/09 JCMT Science Workshop, Mitaka, Japan

Colloquia & Seminar Talks

- 2018/09 Lunch Seminar, ESO, Germany
- 2018/09 Galaxy Seminar, STScI, United States

- 2018/09 Tea Seminar, Caltech, United States
- 2018/09 Lunch Seminar, NRAO Socorro, United States
- 2018/03 Lunch Seminar, INAF, Italy
- 2018/03 Lunch Seminar, CEA-Saclay, France
- 2018/02 Special Visitor Seminar, LAM, France
- 2018/01 Special Visitor Seminar, SNS, Italy
- 2017/12 Lunch Seminar, EAO, United States
- 2017/09 Special Visitor Seminar, MPIA, Germany
- 2017/09 Café Seminar, DAWN, Denmark
- 2016/10 Lunch Seminar, University of Stockholm, Sweden
- 2016/06 Wednesday Colloquium, Caltech, United States
- 2016/03 Lunch Seminar, Geneva Observatory, Switzerland
- 2015/10 ALMA-J Seminar, NAOJ, Japan
- 2015/09 Lunch Seminar, Royal Observatory, United Kingdom
- 2015/09 Lunch Seminar, University of Durham, United Kingdom
- 2015/05 Lunch Seminar, Kavli IPMU, Japan
- 2014/10 Subaru Seminar, Subaru, Hawaii, United States

Teaching & Outreach Experience

- 2016 Supervised 5 third-year bachelor students on their 1-week research project
- 2016 Press Release, NAOJ/U.Tokyo/ICRR “ALMA Resolves the Cosmic Infrared Background Light”
- 2016 - 2018 Science Lab in Hikawa High School
- 2017 Web Article “Beyond Connecting Dots”, School of Science News in U.Tokyo

Professional Service

- Refereeing an ApJ paper

¹ Annual award to a few among 400 Master course students in the University of Tokyo School of Science.

² Annual award to the best presenter of the Master Thesis from T. Kajita (Novel Prizer in Physics 2015).

³ Annual award to ~10 among 28,000 students in the University of Tokyo.

⁴ A few Japanese astronomy major students in the first year of a doctor course selected annually.