

Xinbo Gu

Graduate of the Nagoya University G30
[Automotive Engineering Program]



Current Position:

PhD candidate

Department of Aerospace Engineering, Graduate School of Engineering,
Nagoya University

2022-present

Education:

Northeast Yucai School, Senior High Division

Shenyang, China

2013-2016

Bachelor of Engineering

G30 Automotive Engineering Program, Nagoya University

2016-2020

Master of Engineering

G30 Automotive Engineering Program, Nagoya University

2020-2022

Striking outcomes while at Nagoya University:

Awards and Prizes:

NU G30 Scholarship

2016-2020

JASSO scholarship

2016-2017

Internships and experiences:

Sub-system manager & key member of NU satellite project: MAGNARO

2019-2022

Teaching Assistant of G30 physics experiments

2023,2024

Publications / International Conferences:

Dynamics and Control for Spacecraft Tracking a Displaced Orbit Around
an Asteroid Exploiting Solar Sail. *Advances in Space Research*, 2024.

Orbital Dynamics of Gravity Tractor Spacecraft employing Artificial Halo
Orbit. *Acta Astronautica*, 2022.

Study on Ballistic Kinetic Impactor Mission Design and Evaluation using
impact-geometry maps. *Acta Astronautica*, 2021.

Poster presentation at International Symposium on Space Technology and
Science, 2023.

A Message of Encouragement for Future G30 Students:

Nagoya University offers a beautiful and open environment, along with supportive resources and extremely high-quality education in various fields. World-class professors and talented students from all over the world gather here. You can acquire fundamental knowledge, engage in interesting experiments, and join leading laboratories to explore novel discoveries. Beyond academics, you have the chance to connect with international friends, experience diverse cultures, and participate in various student circles, making your life here vibrant and fulfilling. Additionally, the NU G30 International Program offers unique opportunities for international students to enhance both their academic and personal experiences. Thanks to this program, I built a strong foundation during my undergraduate studies and am now pursuing challenging research as a PhD candidate. My time at Nagoya University has been one of the most meaningful and joyful periods of my life.