Chang Sun

Graduate of the Nagoya University G30 Physics Program

Current Position:

PhD candidate, Option in Physics, PMA 2023-present
Caltech, California Institute of Technology

Education

High School: The Affiliated High School to Hangzhou Normal University 2014-2017
Hangzhou, China

Bachelor of Science 2017-2021
G30 Physcis Program, Nagoya University

Master of Physics 2021-2023
Department of Physics, ETH Zürich

Striking outcomes while at Nagoya University:

Awards and Prizes:

JASSO (Japan Student Services Organization) Scholarship Recipient Oct. 2017-Mar. 2018

Mugishima Foundation Scholarship Recipient Jan. 2020-Aug. 2021

Internships and experiences:

Tutor for Special Mathematics Lectures Oct. 2018-Feb. 2020
Nagoya University English as a Medium of Instruction (NUEMI) Project

3 months Trainee at RIKEN under the supervision of Dr. Takemasa Miyoshi Jun. 2021-Sep. 2021

Publications / International Conferences:

C. Sun, T. Nakajima, Y. Mitsumori, Y. Horii, M. Tomoto; Fast Muon Tracking with Machine Learning Implemented in FPGA, Nucl. nstrum. Methods Phys. Res. A, 2023, 1, 1045.

C. Sun, S. Richard, T. Miyoshi, N. Tsuzu; Analysis of COVID-19 Spread in Tokyo through an Agent-Based Model with Data Assimilation, J. Clin. Med., 2022, 11, 2401.

Extracurricular Courses:

Mathematics for Machine Learning: Fall 2020, Graph Theory: Spring 2020, Introduction to Functional Analysis: Fall 2019, Statistics: Spring 2019, Differential Geometry: Fall 2018, Groups and Their Representations: Spring 2018, Introduction to Probability: Fall 2017

Striking outcomes after Nagoya University:

Willi Studer Prize Jun. 2024
(Best student in each ETH Zürich Master's degree program)

A Message of Encouragement for Future G30 Students:

You can attend lectures offered at quality in pair to the world's top institutes, and meet some of the best professors here.