

# Curriculum Vitae

So Chigusa

September 8, 2018

## Personal Data

First Name: So  
Last Name: Chigusa  
Date of Birth: May 22, 1992  
Place of Birth: Kobe, Japan  
Nationality: Japanese  
Age: 26  
Sex: Male

Affiliation: University of Tokyo  
Postcode: 113-8654  
Address: 7-3-1, Hongo, Bunkyo, Tokyo  
Phone: +81-3-5841-4138  
E-mail: [chigusa@hep-th.phys.s.u-tokyo.ac.jp](mailto:chigusa@hep-th.phys.s.u-tokyo.ac.jp)  
Homepage: <https://sochigusa.bitbucket.io>

## Education

Date	Degree	University
Mar. 24, 2017	Master of Science (Physics)	University of Tokyo
Mar. 2015	Bachelor of Science (Physics)	University of Tokyo

## Grant

Apr. 2017 - Mar. 2020: JSPS, Research Fellowships for Young Scientists (DC1)

Oct. 2015 - Mar. 2020: MEXT, Program for Leading Graduate Schools

## Teaching experience

Apr. 2015 - Sep. 2015: Teaching Assistant for Undergraduate Class “Quantum Mechanics II”  
at Department of Physics, University of Tokyo

## Publications

- [1] S. Chigusa and K. Nakayama, *Anomalous Discrete Flavor Symmetry and Domain Wall Problem*, 1808.09601.
- [2] S. Chigusa, T. Moroi and Y. Shoji, *Decay Rate of Electroweak Vacuum in the Standard Model and Beyond*, *Phys. Rev.* **D97** (2018) 116012, [1803.03902].
- [3] S. Chigusa, T. Moroi and Y. Shoji, *State-of-the-Art Calculation of the Decay Rate of Electroweak Vacuum in the Standard Model*, *Phys. Rev. Lett.* **119** (2017) 211801, [1707.09301].
- [4] S. Chigusa and T. Moroi, *Bottom-Tau Unification in Supersymmetric SU(5) Models with Extra Matters*, *PTEP* **2017** (2017) 063B05, [1702.00790].
- [5] S. Chigusa and T. Moroi, *Bottom-tau unification in a supersymmetric model with anomaly-mediation*, *Phys. Rev.* **D94** (2016) 035016, [1604.02156].

## Talks

1. “ $\text{I}\ddot{\text{Z}}\text{z}\ddot{\text{U}}\text{I}\grave{\text{a}}\text{d}\ddot{\text{N}}\grave{\text{a}}\text{A}\grave{\text{g}}\ddot{\text{a}}\text{A}\acute{\text{o}}\acute{\text{e}}\ddot{\text{Z}}\text{z}\grave{\text{a}}\text{i}\text{j}\text{s}\text{c}\text{I}\text{J}\text{s}\text{c}\text{l}\text{z}\grave{\text{a}}\text{l}\text{f}\grave{\text{a}}\text{c}\text{L}\text{c}\ddot{\text{O}}\ddot{\text{G}}\ddot{\text{a}}\text{A}\acute{\text{o}}\acute{\text{e}}\text{l}\text{L}\text{c}\acute{\text{o}}\text{U}\ddot{\text{a}}\text{A}\grave{\text{n}}\ddot{\text{a}}\text{A}\text{L}\ddot{\text{a}}\text{A}\text{S}\grave{\text{a}}\text{C}\ddot{\text{N}}\grave{\text{a}}\text{C}\text{i}\text{j}\grave{\text{a}}\text{C}\eta\grave{\text{a}}\text{C}$ ”  
JPS 2018, Shinshu

2. “Indirect Search of WIMP Dark Matter at Future 100 TeV Collider (Poster)”, PPP 2018, Kyoto
3. “Decay Rate of the Electroweak Vacuum in the Standard Model and Beyond”, Cargese Summer School 2018
4. “Decay Rate of the Electroweak Vacuum in the Standard Model and Beyond”, Planck 2018, Bonn
5. “Bottom Tau Unification in Supersymmetric Models (Poster)”, PPP 2017, Kyoto
6. “Bottom Tau Unification in Supersymmetric Models (Poster)”, Les Houches Summer School 2017
7. “Bottom-Tau Unification in Supersymmetric Models”, New Physics Forum, IPMU
8. “Bottom-Tau unification in Supersymmetric Model with Anomaly-Mediation”, JPS 2016, Miyazaki
9. “Bottom-Tau unification in Supersymmetric Model with Anomaly-Mediation”, SUSY 2016, Melbourne