Curriculum Vitae

So Chigusa

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Personal Data

First Name:	So
Last Name:	Chigusa
Date of Birth:	May 22, 1992
Place of Birth:	Kobe, Japan
Nationality:	Japanese
Age:	27
Sex:	Male

Affiliation:	High Energy Accelerator Research Organization (KEK)
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Education

Date	Degree	Institution
Mar. 23, 2020	Doctor of Philosophy (Physics)	University of Tokyo
Mar. 23, 2017	Master of Science (Physics)	University of Tokyo
Mar. 25, 2015	Bachelor of Science (Physics)	University of Tokyo

Professional experience

Apr. 2020 – :	Postdoc, High Energy Accelerator Research Organization (KEK)
Apr. 2015 – Mar. 2020 :	Ph.D. Student, Department of Physics, University of Tokyo (Dr. Takeo Moroi)

Teaching experience

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

Grants

Apr. 2020 – :	JSPS, Research Fellowships for Young Scientists (PD)
Apr. 2017 – Mar. 2020 :	JSPS, Research Fellowships for Young Scientists (DC1) Amount: 2800000 JPY
Oct. 2015 – Mar. 2020 :	MEXT, Program for Leading Graduate Schools

Honors and Awards

1. Best presentation award for young scientists @ Unraveling the History of the Universe 2020
2. Best Poster Award @ HPNP 2019

Publications

Invited Seminar Presentations

1. "Detecting Light Boson Dark Matter through Conversion into Magnon (Online)", 2020/6/22, Nagoya University
2. "Detecting Light Boson Dark Matter through Conversion into Magnon (Online)", 2020/6/12, UC Berkeley

3. “Detecting Light Boson Dark Matter through Conversion into Magnon (Online)”, 2020/6/2, Kyushu University

4. “Detecting Light Boson Dark Matter through Conversion into Magnon (Online)”, 2020/5/20, IBS

5. “Detecting Light Boson Dark Matter through Conversion into Magnon (Online)”, 2020/5/14, TDLI and INPAC

6. “Flowing to the Bounce”, 2019/10/24, Tohoku University

7. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/7/23, Osaka University

8. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/5/16, University of Florida

9. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/5/10, Florida State University

10. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/4/9, KEK

11. “Solutions to Domain Wall Problem in Models with Discrete Flavor Symmetry”, 2019/1/11, Hokkaido University

12. “Probing Electroweakly Interacting Massive Particles with Drell-Yan Process at 100 TeV Hadron Colliders”, 2018/10/16, Nagoya University

Presentations at International Conferences

(Oral)

1. “Flowing to the Bounce”, 2020/1/14, Berkeley Week, IPMU

2. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/8/20, SI2019, Gangneung, Korea

3. “Flowing to the Bounce”, 2019/8/9, NHWG26, Osaka
4. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/5/22, SUSY 2019, Texas
5. “Indirect Studies of Electroweakly Interacting Particles at 100 TeV Hadron Colliders”, 2019/5/6, Pheno 2019, Pittsburgh
6. “Flavon Stabilization in Models with Discrete Flavor Symmetry”, 2018/12/6, KEK-PH 2018 winter, Tsukuba
7. “Decay Rate of the Electroweak Vacuum in the Standard Model and Beyond”, 2018/5/24, Planck 2018, Bonn
8. “Bottom-Tau Unification in Supersymmetric Models”, 2017/2/6, New Physics Forum, IPMU
9. “Bottom-Tau unification in Supersymmetric Model with Anomaly-Mediation”, 2016/7/05, SUSY 2016, Melbourne

(Poster)

1. “Probing Electroweakly Interacting Massive Particles with Precision Measurements at 100 TeV Hadron Colliders (poster)”, 2019/2/21, HPNP2019, Osaka

Presentations at Domestic Conferences

(Oral)

1. “マグノンを用いた軽いボソン暗黒物質の直接探索”, 2020/6/2, Unraveling the History of the Universe 2020, Online
2. “Flavon Stabilization without Domain Wall Problem in Discrete Flavor Symmetry Models (in Japanese)”, 2019/6/11, Neutrino Oscillation and Flavor Physics, Nagoya

3. “Zero Mode Problem in the Calculation of Decay Rate of the SM Electroweak vacuum”, 2018/9/15, JPS 2018, Shinshu

4. “Bottom-Tau unification in Supersymmetric Model with Anomaly-Mediation”, 2016/9/21, JPS 2016, Miyazaki

(Poster)

1. “Indirect Search of WIMP Dark Matter at Future 100 TeV Collider (Poster)”, 2018/8/9, PPP 2018, Kyoto

2. “Bottom Tau Unification in Supersymmetric Models (Poster)”, 2017/8/3, PPP 2017, Kyoto

Poster Presentations at International Summer Schools

1. “Decay Rate of the Electroweak Vacuum in the Standard Model and Beyond”, 2018/7/12, Cargese Summer School 2018, Kyoto

2. “Bottom Tau Unification in Supersymmetric Models (Poster)”, 2017/7/4, Les Houches Summer School 2017, Kyoto