Yuto Minami

Curriculum Vitae

Postdoctoral fellow, Institute of Particle and Nuclear Studies (IPNS), High Energy Accelerator Research Organization (KEK), Oho 1-1, Tsukuba, Ibaraki, 305-0801, Japan

Contact

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Nationality: Japan

Marital Status married, a pertner and a child

Webpage: https://yutominami.github.io

INSPIRE-HEP: https://inspirehep.net/authors/1238534

Education

2013-2016 Ph.D. in physics, The University of Tokyo (Tokyo, Japan)

- Advisor: Prof. Sachio Komamiya
- Title: "Search for Supersymmetric Partners of Gluons in Proton-Proton Collisions at $\sqrt{s} = 13\,\mathrm{TeV}$", https://www.icepp.s.u-tokyo.ac.jp/download/doctor/phD2016_minami.pdf

2010-2013 MS in physics, The University of Tokyo (Tokyo, Japan)

- Advisor: Prof. Sachio Komamiya

2006-2012 BS in physics, The University of Tokyo (Tokyo, Japan)

Academic Career

2019- Postdoctoral fellow, High Energy Accelerator Research Organization (KEK)

2016-2019 Researcher, KEK

Research Projects

2017- **Simons Array, POLARBEAR**: Ground based CMB polarization observation

2016- **LiteBIRD** : Satellite-borne future CMB polarization observation project

2013- **LHC-ATLAS**: Proton-proton collider experiment

Grants

2020- Japan Society for the Promotion of Science (JSPS) KAKENHI Grant Number JP20K1449

2018-2019 JSPS KAKENHI Grant Number JP18H04361

Research Interests

Experimental physics: Physics beyond the Standard Model, Supersymmetry, Dark matter, Cosmic Microwave Background, Axion, P violation

Teaching Experience

Research Assistant Teaching assistant of physics experiment class, The University of Tokyo (2011 Spring)

Technical Skills

Operating Systems: Windows, Linux

Languages: English, Japanese, C++, Python

Programmable Logic: Verilog for Xilinx FPGAs

Applications: LaTeX, Microsoft Office(Word, Excel, PowerPoint)

Outreach & Professional Development

Public seminar: Speaker of a science cafe (2019)

Open house: Introduction of CMB a observation, KEK (2019)

Open house: Introduction of LiteBIRD project, KEK (2018)

Open house: Introduction of LiteBIRD project, KEK (2016)