

Kohei Kawasaki

PERSONAL DETAILS

Birth August 27, 1990
Address 1-19-28, Oojigaoka, Otsu, Shiga, 520-0025
Phone +81 (070) 4427-6642
Mail nwcntyrcrm@gmail.com

EDUCATION

Master's Degree in Physics

2014 - 2017

Kobe University, Japan

Main subjects: Development THz range ESR system for high pressure conditions, Master's degree in Physics GPA 3.86, Poster presentation at Physical society of Japan 2014 fall, Oral presentation at JPS 2015 spring, Poster presentation at APES-IES-SEST international symposium

Exchange student in College of Science and Engineering

2015 - 2016

University of Minnesota Twin cities, US

Major in Computer Science.

Bachelor's degree in Physics

2010 - 2014

Kobe University, Japan

EXTRACURRICULAR ACTIVITY

Brown - Kobe joint summer school

2016

Brown University, US and Kobe University, Japan

2 weeks project based summer school between Kobe and Brown University. Our theme is learning a particle filter for neural decoding

HPC simulation summer school

2016

Riken Advanced Institute for Computer Science

Intensive summer school course for High performance computing

Rocket team

2015-2016

University of Minnesota Twin cities, US

Works at computing for control Rocket for the MSCG competition

Figure skating club team

2010-2014

Kobe University, Japan

officiating as captain as a Junior Achieved first place in Inter-collegiate division C Ice dance

RESEARCH ACTIVITY

K. Kawasaki, T. Sakurai, E. Ohmichi, S. Okubo, H. Ohta, K. Matsubayashi, and Y. Uwatoko. "Development of High-Pressure ESR System Using Microcoil" Applied Magnetic Resonance. 46: 987- 992(2015)

H. Ohta, T. Sakurai, R. Matsui, K. Kawasaki, Y. Hirao, S. Okubo, K. Matsubayashi, Y. Uwatoko, K. Kudo, and Y. Koike. "Frequency Extension to the THz Range in the High Pressure ESR System and Its Application to the Shastry-Sutherland Model Compound $\text{SrCu}_2(\text{BO}_3)_2$ " *Journal of Physical Chemistry B*. 119(43): 13755–13761 (2015)

T. Sakurai, R. Matsui, K. Kawasaki, S. Okubo, H. Ohta, K. Matsubayashi, Y. Uwatoko, K. Kudo, and Y. Koike. *Applied Magnetic Resonance*. 46: 1007-1012 "Development of High-Pressure and Multi-Frequency ESR System and Its Application to Quantum Spin System" *Applied Magnetic Resonance*. 46: 1007-1012(2015)

INTERNSHIP EXPERIENCE

Apple watch Apps Development

2015

DWANGO Co., ltd, Tokyo, Japan

Design and development of AppleWatch Applications that interacts with niconico. Engaged in creating new Apple watch and iOS apps. The development was very fast paced, lasting 5 days. Used Xcode7-beta, iOS9-beta, watchOS2-beta and swift 2. Tackling of bugs of beta version and finally made Heartbeat game(including multi-peer connectivity that allows connection between several Apple devices).

Project Design and Apps Development

2015

Hanshin Metallica Corp, Kobe, Japan

Engaged in startup the new department in this company. Developed system of hydroponic culture managed by smart phone (iOS). Engaged in building of electric circuit (including BLE) and coded to manage it by smart phone by swift and objective-c.

SKILLS

<i>Languages</i>	Japanese (mother tongue) English (fluent), TOEFL 85(1/16/2015)
<i>OS</i>	MAC OSX, UBUNTU WINDOWS
<i>Programming</i>	PYTHON, C, C++, OCAML, SWIFT, CLISP, JAVA
<i>Software</i>	MATLAB, L ^A T _E X, LABVIEW, AUTOCAD

STUDENT VOLUNTEER FOR CONFERENCE

Excursion guide in international symposium

2014

APES-SEST-IES, Nara, Japan

Organised excursion guide when my lab hosted an international symposium. Introduced Horyu Temple in Nara (Japanese historical prefecture) and a sake brewery to 80 guests from all over the world. Received several letters of appreciation for well organised excursion.

International Conference on Functional Programming CES

2016

2016

LinuxCon North America

2015