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## Masahiro Yukawa's ON and OFF time

I've been working on the border of mathematical sciences and engineering. Here are just some of the shots showing me in ON and OFF times.



# Studying abroad

#### Dance

In my student days, I was absorbed in practicing dancesport. I was really like a Latin American devoted to dancing rather than study. (In the photo, the one at the right end is me.) After ten years of practice, I could meet formerly hidden innermost muscles.

While staying in Germany, I frequented a café, where I thought over ideas for my research work. You cannot speak of Munich without mentioning Oktoberfest!!! Enormous volumes of beer served in mass (1 liter mug) were consumed, which was an overwhelming sight. My host lab's favorite brewery was Augustiner-Bräu. Even a weak drinker like me could down my drink.



#### Yukawa Lab

Upon transfer to Keio from Niigata, I hosted a home party inviting my students who followed me from Niigata University. Currently, I have eight Keio students in my lab. Once in a while, our lab members participate in Yamada Lab seminars (the lab I originally came from) of Tokyo Institute of Technology while also deepening friendship through joint activities such as hiking and a nabe hotpot party ("Imoni-kai").



### International conference

International conferences are valuable opportunities for us to present the results of our latest studies. During banquet time, I usually exchange information and try to build new networks in a relaxing atmosphere. In a conference held in Santorini Island, Greece, I made a presentation in a cave-like place. This photo was taken outdoors; under the table were hungry cats waiting for food from above.



So far I experienced joint research with Fraunhofer Heinrich Hertz Institute and Technische Universität München of Germany, KAIST of South Korea, RIKEN, Tokyo Institute of Technology and Niigata University, In the summer of 2014, I visited Prof. K. R. Müller (Technische Universität Berlin) to make arrangements for joint research.

# Intensive lectures in Europe

I gave intensive lectures at Technische Universität München in Germany (autumn, 2010) and Tampere University of Technology in Finland (summer, 2012), both targeting graduate students. The study of signal processing is thriving in Finland and Tampere University of Technology has a department of signal processing. During my lectures there, I encountered sharp questions, which was very stimulating. When the lectures were over, the audience presented a pleasant surprise for me – a thank-you paper coming with my likeness (tears!).



