

## OSA Leadership Student Conference in Washington D.C

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### Summary

Ryo Kato, the president of OSA/SPIE Student Chapter in Osaka Univ. attended to the Student Leadership Conference as a representative of Osaka Univ. OSA Student Chapter. This leadership conference took place at Washington D.C in September 16<sup>th</sup>. In this conference, we had a lot of activities to learn and obtain leadership skill, such as professional development talk given by 2017 OSA ambassadors, industry speakers, journal reviewers, and CEO in OSA. I could learn a lot of professional skills for leadership. In addition to the professional talk, we also had poster session for Student Chapter, where selected chapters can show their activities and we had deeper discussion about our own Chapters. In this year, we applied to the poster session and selected. I talked with many students in other countries and our chapter's activities were recognized and evaluated by many students. Other than leadership activities given by OSA, I visited to Columbia University in NY thanks to Dr. Okawachi, who is one of the OSA ambassadors. I could build up student networks among many students around the world through the conference as well as visiting.

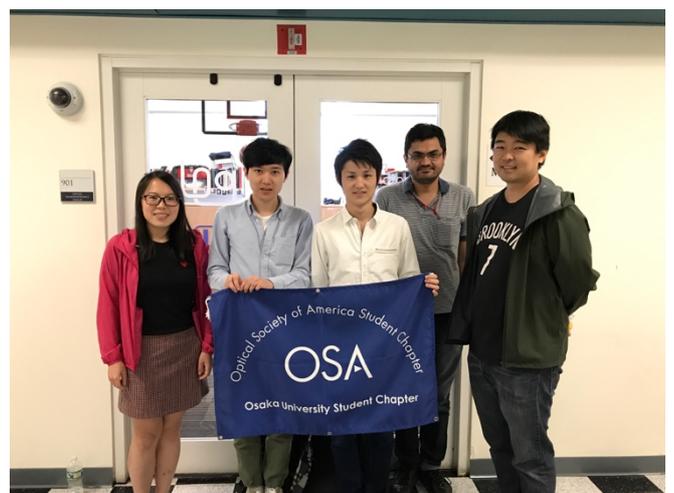
### 1. Student Leadership Conference (SLC)

We had a lot of activities to learn and obtain leadership skills and, such as professional development talk given by 2017 OSA ambassadors, industry speakers, journal reviewers, and CEO in OSA. I could learn a lot of professional skills for leadership. Especially, talk by OSA ambassadors was very interesting because they talked about various professional things, such as "How networking will influence our career", "The difference between working in academia and industry", "How to choose your career", "How to write effective scientific paper" and so on. In addition to the professional talk, we also had poster session for Student Chapters, where selected chapters can show their activities and we had deeper discussion about our own Chapters. In this year, we applied to the poster session for the first time and fortunately selected. I talked with many students in other countries and our chapter's activities were recognized and evaluated as a successful chapter by many students. I met a lot of students from not only Japan like Tokyo Univ, Utsunomiya Univ., but also foreign countries like US, Columbia, Brazil, South Korea and both we and they are interested in collaboration activities, so that it will be possible to have a chance to hold collaborated events with both domestic and international student chapters. Anyway, if we join the Student Leadership Workshop in US, we absolutely can meet and talk with many students coming from various countries, which will be good for your career. Next year, one of the students from you can attend this workshop.



## 2. Visiting to Columbia University

I visited to Columbia University after FiO since Dr. Okawachi, who visited to our student chapter for an invited talk, invited me. He organized Lab tour for me, and actually he showed me few labs. Their research areas include optical frequency comb generation in silicon-based waveguides and micro-resonators, coherent computing based on degenerate optical parametric oscillation in micro-resonators, parametric nonlinear interactions in photonic devices, and so on. They have a lot of optical setup, which was surprising for me, and also have many experimental rooms. They kindly explained what they were doing. I am not familiar with those fields, but I learned a lot of from their setup and talk, which leads me to get an idea for new research. Columbia university was so beautiful and they have a lot of nice buildings and facilities. Furthermore, I met a student from Tokyo University SC since he also visited there, so that I could build up network with their SC. At last, I really appreciate Yoshi to invite me and organize everything. If you are interested in Columbia university, please let me(Ryo) know.



### 3. Enjoyed Washington D.C and NY

I also enjoyed my stay in Washington D.C, and NY, which is one of the benefits of student workshop. I made a lot of friends from U.K, Brazil, Argentina, Angora, Taiwan, South Korea, Morocco, and Japan. I hope this network will be good for not only my career, but also our chapter to collaborate with them and to host a student conference. Also, I went around to see famous places for sightseeing, such as Washington monument, White house, central park in NY and NY times square. This stay was very fun, and I want to go there again, but unfortunately I can't. So, next year one of you will go to US. I hope many students will stand as a candidate for next SLC.

If you are interested in next year's SLC, or want to listen about SLC, please talk to me. Ryo Kato.

