

滞在型研究員報告書

Activity Report for the NAOJ Visiting Fellows Program

所 属 (Institution)	CEA/Saclay, France
氏 名 (Name)	Wang, Tao
研究課題名 (Research subject)	Galaxy population and their variations in proto-clusters at $z>2$
滞在期間 (Period of stay)	2017 年 2 月 1 日～ 2017 年 3 月 2 日 YYYY MM DD YYYY MM DD
受入責任者氏名 (NAOJ host researcher)	Tadayuki Kodama

<p>1. 滞在型研究員として国立天文台滞在中に行った活動について簡単にお書きください。 (Summarize your activities during the stay using the NAOJ Visiting Fellows Program.)</p> <p>During this short stay at NAOJ, I had fruitful discussions with Prof. Kodama and other astronomers from NAOJ working at different fields. I gave three talks, one in the Subaru building, one in the ALMA center, and the other one in the Subaru Hilo base in Hawaii. I have also attended a workshop specifically for cluster studies organized by Prof. Kodama. By attending this talks and workshop I got to know many experts in this field, which has also enabled future collaborations on the studies of high-redshift galaxies and galaxy clusters. Moreover, I have participated in a remote Subaru observation at NAOJ, Mitaka, and visited the Subaru Hilo base for our collaborative proposal on high-z clusters.</p>
<p>2. 今回滞在型研究員として得られた成果について簡単にお書きください。 (Summarize your research products from the stay.)</p> <p>Despite of the short stay, we have produced quite fruitful research products. We have written together three Subaru proposals with Prof. Kodama, Dr. Koyama, and Dr. Tanaka, one of which has already been accepted and observed through Subaru-staff time. We have also finished first reduction of the data from this observation during my stay at NAOJ/Mitaka and my visit at Subaru Hilo base. The result is really encouraging and we are starting to write a paper now, which is expected to be published before the end of this year. We have also established close collaborations on further follow-up studies of high-z clusters.</p>

様式 2 (Form 2)

3. この制度について何か御意見がありましたら、お書きください。

(Please provide any comments about this program.)

I really appreciate this opportunity provided by NAOJ, which have enabled fruitful discussions and further collaborations. I also want to thank all the secretaries, the gate-keepers, and the manage of the cosmos-kaikan, which helped me a lot during my stay. This visit has also made me to make my final decision to come back to NAOJ as a long-term post-doc.