

滞在型研究員報告書
Activity Report for the NAOJ Visiting Fellows Program

所 属 (Institution)	Leiden Observatroy
氏 名 (Name)	Tjarda Boekholt
研究課題名 (Research subject)	Planetary dynamics
滞在期間 (Period of stay)	2015 年 11 月 16 日～ 2015 年 12 月 4 日 YYYY MM DD YYYY MM DD
受入責任者氏名 (NAOJ host researcher)	Michiko Fujii

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 your stay.)

The aim of my visit to NAOJ was two-fold: first of all, to present my work and get acquainted with the observatory, and secondly, to start a collaboration with Dr. Michiko Fujii. In order to accomplish the first goal, I gave a colloquium on 2 December 2015 on "Chaotic Dynamics in N-body Systems", which triggered interesting discussions from which I received useful feedback. I was also assigned a work desk at the observatory in the Division of Theoretical Astronomy (DTA), which allowed me to integrate with the local staff members and students via daily lunch and coffee breaks and scientific meetings. The majority of time was spent on an intensive collaboration with Dr. Michiko Fujii to start a new project on the stability of planetary systems. We went through the literature and performed several numerical experiments.

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 the outcome of the stay.)

With respect to the first goal of my visit, I was able to present my work and I have started several new collaborations with students at NAOJ, e.g. I will collaborate with a PhD student on the development of a new visualizer for particle simulations. Concerning the collaboration with Dr. Michiko Fujii, we got a kick start on our new project, with some clear directions to explore the next few months, which will eventually lead to a publication. I conclude that my visit at NAOJ was a very rewarding experience in a scientific, social and cultural sense.

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 highly recommend this program to anybody who is interested to work in Japan and to collaborate with a staff member at NAOJ.