

Activity Report of the NAOJ Visiting Scholar Program

Host Project/Division: J-TMT Office Name of Host Scientist: Dr. Tomonori Usuda

Name of Visiting Scholar: Dr. Chris Packham

Title:, Visiting Associate Professor

(Choose the appropriate one)

Period: from YY/MM/DD to YY/MM/DD 14/06/02 to 14/08/15

I. Report from the visiting scholar

[i] Achievement during the period of stay (in comparison with the initial plan)

(Collaborative Research)

Working with members of the J-TMT office, ISAS/JAXA, and the Universities of Tokyo, Kanagawa, Ibaraki, Kyoto, and others, we developed and refined the science case for a possible TMT instrument called MICHU. I also worked on some papers, essentially preparing one for submission lead by Mr. Kohei Ichikawa (Kyoto) using data my group has obtained. I also made a collaborative visit to the University of Hokkaido to discuss TMT matters. Visiting and working in-situ with these researchers was invaluable, and this visiting professorship provided that opportunity.

(Education)

I gave a series of classes at Sokendai in NAOJ. The class content was about writing, presenting, applying for grants, and management skills for scientists. All was conducted in English, in an informal class-room setting. The students did well in their course work.

(Others)

I renewed several professional relationships, and have started to investigate new grant applications and links to Japan based on the results of this visiting professorship.

[ii] Any comments on this program

I find the program extremely valuable, and I encourage NAOJ to continue to offer it to others. I think have more foreign researchers would likely be very good for the progress of NAOJ, especially in the days of ALMA, TMT, etc. I want to express my thanks for offering this chance to me.

[iii] List of publications and presentations by the visiting scholar in collaboration with NAOJ staff or graduate students

Presentations

1. Hokkaido University, 8th August, 2014
2. NAOJ, 11th July, 2014
3. Tucson TMT Forum, 18th July, 2014

Papers in production

1. The torus structure and the detection of HBLR/Non-HBLR AGN, Ichikawa et al.

II. 以下の項目について、受入教員が記入してください。

Report from the host scientist

[iv] 本制度に対する意見、要望など

Any comments on this program

急な依頼にも関わらず、総研大の講義を担当することが出来たことは良かったです。幸い、二名の学生が受講し、英語によるプレゼンについて、ネイティブの教師から学習できたことは有意義だったと思います。研究費があるのも良く、米国ツーソンや国内の京都・北海道に出張することは本人だけでなく、それぞれの国内の研究者にも共同研究について集中的に議論できるなど有意義だったと思います。