

Activity Report of the NAOJ Visiting Scholar Program

Host Project/Division: Div. Theor. Astronomy Name of Host Scientist: Kohji Tomisaka

Name of Visiting Scholar: Colin A. Norman

Title: Visiting Professor

Period: from 2017/04/02 to 2017/05/01

I. Report from the visiting scholar

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

(Collaborative Research)

Excellent discussions with many members of the NOAJ more or less every day on many important areas of mainstream astrophysics particularly at lunch time, over coffee and during and after seminars.

Topics included: Massive star formation, protostars, planetesimal formation, black hole electrodynamics and jets, molecular outflows, and gravitational waves.

This was very stimulating and new thoughts were freely discussed and assessed critically by all participants.

(Education)

Two days of lectures and seminar presentations on a wide range of important mainstream topics in astrophysics. We al learned a lot.

NAOJ Colloquium (Danwakai) on active galaxies and radio galaxies.

Similarly, at Kagoshima with Prof. Keiichi Wada's group

(Others)

Many discussions with other visitors and colleagues from NAOJ and Japan: Profs: Taniguchi, Sukurai, Ikeuchi, and Iye on a wide range of subjects.

[ii] Any comments on this program;
<p>This is a wonderful program where I spent much of my time discussing with brilliant colleagues in the theory Division led by Prof Kohji Tomisaka.</p> <p>I also had time to think deeply and walk around the beautiful grounds of the Mitaka campus.</p> <p>Such a time was important for me to reflect on the mainstream astrophysics problems we should be solving currently and in the future. It was one of the most stimulating intellectual times of my sabbatical year.</p> <p>I was greatly impressed by the quality of the world famous senior faculty but also the outstanding young faculty and fellows.</p> <p>I would certainly like to visit again and also will highly recommend the program to my colleagues.</p>
[iii] List of publications and presentations by the visiting scholar in collaboration with NAOJ staff or graduate students
<p>Will provide these as they are written and appear in print.</p>

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