Opening for a Project Researcher position
Sub-Institution of Computational Materials Research Initiative,
Yokohama National University

To promote HPCI (High Performance Computing Infrastructure) program and enhance
the active collaboration with other CMSI (Computational Materials Science Initiative)
organizations, as a sub-institution of CMRI (Computational Materials Research
Initiative at the Institute for Materials Research, Tohoku University), Yokohama
National University is seeking for a highly qualified researcher from the world over. We
announce an opening position for a postdoctoral position and encourage to apply.

1 Research and Job specifications
   (1) First-principles Phase Field Modeling as a part of a CMSI-priority research
       theme. In close collaboration with active groups in CMRI, development and
       application of a new mapping method of first-principles results onto a phase
       field model are expected.
   (2) Development and application of original programs (in particular, as a
       CMSI-specially supporting theme, the first-principles all-electron mixed basis
       program TOMBO) for computational materials science: target area includes
       various fields of computational materials physics and computational materials
       engineering for functional materials and structural materials.

2. Opening
   Project Researcher; 1 person

3. Qualification
   Ph.D or equivalent in the area of Physics, Materials Science/Engineering, with the
   background of computational science

4. Term of the employment
   June 1, 2014 ～ March 31, 2015*.
   Starting date is negotiable.
   *HPCI program is officially renewed each year (Fiscal Year in Japan starts in April
   and ends in March.) and the term is most likely extended till March 31, 2016.

5. Location
   Yokohama National University

6. Selection/Nomination

   Selection is based on documents listed below and interview*

   *Interview can be set up via PC online Skype system.

7. Application documents
   ○Curriculum Vitae
   ○Publication list
   ○Certificate of Ph. D degree
   ○Summary of research activities（including the experience of computer programming
     within 2pages/A4）
   ○future scope of research works (within 2 pages/A4)

8. Allowances and Benefits

   In addition to salary, commuting benefit is paid and social insurance is secured.

   5 working days (equivalent to 38hours45mins)

9. Address to submit application documents

   Administration Office, Department of Physics

   Graduate School of Engineering, Yokohama National University

   79-5 Tokiwadai, Hodogaya-ku, Yokohama, 240-8501 Japan

   *on top of the envelope, specify in red

   「Application of Postdoctoral fellow, CMRI-HPCI」

10. Application deadline

    May 2, 2014

11. Inquiry

    Inquiries are addressed to:

    Professor Kaoru Ohno

    Graduate School of Engineering,

    Yokohama National University

    Tel: +81-45-339-4254 email: ohno@ynu.ac.jp

12. Others

    Note we will not send you back application package. Application documents are/will
not be used except for the selection purpose.