

## **Program-Specific Researcher (Postdoctoral Fellowship)**

**Fukui Institute for Fundamental Chemistry (FIFC), Kyoto University, Kyoto, Japan**

### **FIFC Fellow (General Research Division and Theoretical Research Division)**

A couple of postdoctoral positions are open in General Research Division and Theoretical Research Division at the FIFC, Kyoto University.

**1. About FIFC:** FIFC, successor of the former Institute for Fundamental Chemistry, was founded in 2004 in Kyoto University to memorize the research activities of Professor Kenichi Fukui who was awarded Nobel Prize in chemistry (1981), together with Professor Roald Hoffmann, for their theories on the course of chemical reactions.

Our Web page is <http://www.fukui.kyoto-u.ac.jp/index-e.html>. The research activities of the Institute cover the research fields of the researchers and research advisors given below.

#### **Fields of researchers**

Shigeyoshi Sakaki	Theoretical and Computational Studies of Complex Molecules
Kazuyoshi Tanaka	Theoretical Chemistry for Molecules and Polymers with Element-blocks
Kazuo Takatsuka	Theory of Nonadiabatic Electron Dynamics and Chemical Reactions
Shigeru Nagase	Theoretical Study of Non-transition Metal and Transition Metal Chemical Species
Keiji Morokuma	Theoretical Chemistry and Computational Chemistry

#### **Fields of research advisers**

Kazuo Akagi	Functional Polymer Chemistry, Materials Chemistry
Katsuhisa Tanaka	Inorganic Solid-State Chemistry
Yoshitaka Tanimura	Theoretical Chemical Physics
Susumu Kitagawa	Coordination Chemistry
Hirofumi Satoh	Theoretical Chemistry
Shinichi Sasa	Statistical Physics
Jun Yamamoto	Soft Matter Physics
Hiroshi Watanabe	Molecular Rheology
Isao Tanaka	Computational Materials Science
Tsunehiro Tanaka	Catalysis Chemistry
Ryoichi Yamamoto	Soft Matters and Complex Fluids

Shoji Takada            Theoretical Biophysics  
Shigehiko Hayashi    Theoretical Chemistry, Theoretical Biophysics

**2. Term:** The period of employment is two years from the date of employment. A further extension of two years may be possible, up to the maximum total period of four years.  
Kyoto University is promoting gender equality.

**3. Fields:** Materials science and theoretical chemistry. Ph.D. or a prospect to obtain Ph.D. is required. Preference will be given to the candidates with strong backgrounds related to the research fields of the researchers and research advisers of the Institute given above.

**4. Salary:** To be determined in accordance with Kyoto University regulations.  
Research fund: 800,000 Japanese yen per year, from which some common expenses (such as printer supplies) will be deducted.

**5. Starting date:** As soon as possible

**6. What to submit:** The following documents should be submitted as e-mail attachments or via postal mail. The title of the application e-mail should be 'FIFC Fellow'. If you send the documents by postal mail, specify that you want to apply to 'FIFC Fellow' in the cover letter.

- (1) Curriculum vitae with photograph
- (2) Publication list (book, original papers, and reviews should be described separately)
- (3) One set of reprints of your five most important papers
- (4) A summary of research results: 1 page on A4 paper
- (5) Research proposal: 1.5 to 2 pages on A4 paper
- (6) Two recommendation letters (to be directly sent from the recommenders to the Institute).

\* The documents submitted will only be used for the selection process. We will never disclose, transfer, nor lend the documents to a third party/person without a valid reason.  
Note that the application documents submitted will not be returned to the applicant.

**7. Closing date:** June 20 (Mon). 2016.

In the case of e-mail submission, we will send a reply e-mail within a week that we have received your application. If you do not receive the reply e-mail, please contact us.

**8. Address:** e-mail: application\*fukui.kyoto-u.ac.jp

The subject of the application mail should be 'FIFC Fellow (general)'. If you send by postal mail, please send the mail to:

Professor Kazuo Akagi

Director, Fukui Institute for Fundamental Chemistry, Kyoto University

Nishibiraki-cho 34-4, Takano, Sakyo-ku, Kyoto 606-8103, Japan

Please write 'Application to FIFC Fellow (general)' in red ink on the envelope.

If you need further information, please contact:

Professor Kazuo Akagi (Director)

E-mail: akagi\*fps.polym.kyoto-u.ac.jp, Fax: +81-75-383-2760

Replace \* in the above mail addresses into @