

September 3, 2015

### Recruitment for Tenure-Track Position

Institute of Fluid Science (IFS), Tohoku University invites applications for a tenure-track Associate Professor position. Preference will be given to highly motivated candidates, with an outstanding academic background. Female researchers are particularly encouraged to apply for the position.

Shigeru Obayashi

Director

Institute of Fluid Science, Tohoku University

|  |  |
|--|--|
| Number of positions and job title      | 1 Tenure-track Associate Professor   |
| Organization, Research Division        | Creative Flow Research Division, Institute of Fluid Science (IFS), Tohoku University, Sendai, Japan  |
| Required qualifications and conditions | Candidates must have received a PhD degree within the last 10 years. Applications from suitably qualified female candidates are strongly encouraged.<br>Tohoku University is actively promoting gender equality.<br>Please see the link below for further information:<br><a href="https://www.bureau.tohoku.ac.jp/danjyo/">https://www.bureau.tohoku.ac.jp/danjyo/</a>  |
| Research and educational jobs          | The successful candidate is expected to establish new scientific theories and principles on Fluid Science and create scientific and technological innovations as its application: 1. To develop new scientific fields through interdisciplinary cooperation between Fluid Science and other scientific disciplines. 2. To conduct international collaborative researches. He/she is also expected to teach classes related to mechanical engineering in English. |
| Employment conditions                  | (1) Salary: The annual income is calculated in accordance with Tohoku University wage regulations, and based on the applicant's qualifications and experience.<br>(2) Term: Renewal of contract is permitted for a maximum of 5 years based on work performance evaluation. The final evaluation will be conducted to promote to a full professor by the end of the term.  |
| Starting Date                          | October 1, 2015 (or before March 31, 2016 with negotiation)  |
| Application deadline                   | October 30, 2015   |

|                     |  |
|---------------------|--|
| Requested Documents | <p>I. Curriculum Vitae</p> <p>Please be sure to include your current postal address and e-mail address.</p> <p>II. Evidence of research results</p> <ol style="list-style-type: none"> <li>1: Academic papers (Specify the latest impact factor of the journals as much as possible)</li> <li>2: Review papers (same as above)</li> <li>3: Peer-reviewed full length proceedings</li> <li>4: Publications</li> <li>5: Invited lectures (international and domestic conferences)</li> <li>6: Presentations at international conferences other than invited lectures.</li> <li>7: Experience in organizing international/domestic conferences</li> <li>8: Experience with patency</li> <li>9: Background in international/domestic research collaboration</li> <li>10: Awards received</li> <li>11: Competitive research funding obtained</li> <li>12: Other</li> </ol> <p>III. Copy of 5 papers of research results from No.1-No.4 in II above.</p> <p>IV. Outline of your research results selected in III above (should be 300 words each).</p> <p>V. Statement describing the applicant's future research and education plan at IFS.</p> <p>VI. List of at least 3 academic references: name, name of institution, position title, postal address, telephone number, email address</p> <p><b>All documents should be prepared in A4 or letter size format.</b></p> |
| Application         | <p>Director Shigeru Obayashi<br/> Institute of Fluid Science, Tohoku University<br/> 2-1-1, Katahira, Aoba-ku, Sendai, 980-8577, Japan<br/> Tel: +81-22-217-5300, Fax:+81-22-217-5311<br/> E-mail: director[at]ifs.tohoku.ac.jp (replace [at] to @)</p> <p>Application should be sent by (International) delivery service such as post, EMS, FedEx, DHL, UPS etc. as documents (hard copy) with a description of "Application for Tenure-track Associate Professor Position". No electric data sent by e-mail or in recording media such as CD-ROM, USB memory etc. are acceptable.</p>  |

## **Additional Information**

### **The Creative Flow Research Division**

The Creative Flow Research Division conducts research on creation of novel flow functions. The successful candidate is expected to establish new scientific theories and principles on Fluid Science and create scientific and technological innovations as its application: 1. To develop new scientific fields through interdisciplinary cooperation between Fluid Science and other scientific disciplines. 2. To conduct international collaborative researches.

### **Seven current research fields in Creative Flow Research Division**

The Creative Flow Research Division consists of seven research fields currently: 1. Electromagnetic Functional Flow Dynamics, 2. Intelligent Fluid Control Systems, 3. Integrated Simulation Biomedical Engineering, 4. Biomedical Flow Dynamics, 5. Aerospace Fluid Engineering, 6. Visual Informatics, 7. Flow Environmental Engineering. The successful candidate is expected to establish a new research field in the division. Please visit the link for further information: <http://www.ifs.tohoku.ac.jp/eng/index.html>

### **Start-up funding (\*Updated July 2015)**

IFS has been adopted by the Japanese government program to disseminate tenure tracking system. The candidate is eligible to receive the start-up funding of twelve million yen in two years (six million yen per year). Some restrictions may apply.