

Mext - Quantum Leap Flagship Program (Mext Q-LEAP)  
 Job Posting for Postdoctoral researcher

2020/9/25

Affiliation	School of Engineering
Position title	Postdoctoral researcher
Number of Openings	1
Job Description	<p>Technological Area : Quantum Metrology &amp; sensing          Mext – Quantum Leap Flagship Program (Mext Q-LEAP)          (URL: <a href="https://www.jst.go.jp/stpp/q-leap/sensing/en/index.html">https://www.jst.go.jp/stpp/q-leap/sensing/en/index.html</a>)          Project Name : Development of innovative sensor systems by highly sophisticated control of solid quantum sensors          Project Leader : Professor Mutsuko Hatano, Tokyo Institute of Technology          We are carrying out research works in the area of Quantum Measurement of Diamond sensor, Sensor Material, System Application.</p>
Qualifications	<p>(1) Applicants must hold a PhD at starting date.          (2)The successful candidate will be required :              (a) to have a knowledge of Quantum Measurement, Quantum Optics, Electronic Device Technology. The candidate specializing in physics is acceptable.              (b) to have an ambition for pioneering innovative areas.              (c) to have an ability to cooperate with other researchers and to teach and supervise graduate students</p>
Location	Ookayama Campus (Nearest station: Ookayama or Midorigaoka) Environmental Energy Innovation Building
Working Hours	<p>De facto working hours*under the discretionary labor system:          7 hours 45 minutes per day (38 hours 45minutes per week)          *Hours considered as working hours</p>
Term	<p>The contract will end on March 31<sup>st</sup> 2021.          The contract may be extended each year by evaluation. However, it may not be extended beyond March 31<sup>st</sup> 2028 which is the end of the project period.          The employment period is subject to Article 7 of the Institute's Employment Regulations for Fixed-Term Staff.</p>
Probationary Period	14days (The probationary period is subject to Article 12 of the Institute's Employment Regulations for Fixed-Term Staff.)

Salary	Annual salary (annual base salary) The applicant's salary will be determined in accordance with the Institute's Employment Regulations for Fixed-Term Staff.
Social insurance and other benefits	Employee's pension, Mutual Aid Association short-term benefits (health insurance), employment insurance, worker's compensation Insurance.
Employer	President of National University Corporation Tokyo Institute of Technology
Proposed Start Date	January 1 <sup>st</sup> 2021, or the earliest possible date thereafter
Closing Date for Application	Applications must be received by November 30 <sup>th</sup> 2020
Selection Process	Selection will be based on a comprehensive review of applications and interviews. Selected applicants may be asked to have an interview. Please note that travel expenses for attending interviews will not be reimbursed.
Required Documents	(1) Curriculum vitae including professional and educational history (from high school onward), degrees, awards, and email address, a photograph (2) Accomplishment statement, including:; a. Refereed journal papers b. Refereed conference proceedings and non-refereed conference proceedings c. Commentaries d. Books e. Patents, etc. Please include details for each category. For lectures, state if it was a keynote or invited lecture. For items a. and b., include the number of citations, h-index, and name of database* used. *Google Scholar Citations, Scopus, or Inspire (3) Up to 3 reprints or copies of major publications (one copy for each publication) (4) Research statement with a summary of research accomplishments and details of the future direction and plan for the applicant's work (free form, 2-3 pages (A4)), including the possible starting date. (5) Two references with names, affiliations, and contact details
How to Submit an Application	The required documents must be in PDF format and submitted in hard copy and in digital media of USB memory. Please write "Application for Postdoctoral Researcher" in red ink on the front of the envelope.

	<p>Applications must be sent by registered postal mail.</p> <p>Applicants from overseas can submit the required document by email (hatano.m.ab@m.titech.ac.jp).</p>
Where to Submit	<p>Mutsuko Hatano, Professor</p> <p>Department of Electrical and Electronic Engineering, School of Engineering, Tokyo Institute of Technology, Ookayama 2-12-1-NE-18, Meguro-ku, Tokyo 152-8552, JAPAN</p>
Contacts	<p>Mutsuko Hatano, Professor</p> <p>Department of Electrical and Electronic Engineering, School of Engineering, Email: hatano.m.ab@m.titech.ac.jp</p>
Other	<p>(1) Application documents will not be returned. The personal information provided in the submitted documents will be used solely for recruitment and not for any other purpose, pursuant to the Institute's rules and regulations.</p> <p>(2) Tokyo Institute of Technology, in order to ensure a diverse workforce, guarantees equal opportunities to all individuals regardless of nationality or gender.</p> <p>(3) Smoking is prohibited on campus except at designated outdoor smoking spots.</p> <p>(4) For more information, please refer to the following link. <a href="http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=e">http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=e</a> <a href="#">n</a></p>