**Short- Biography**

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**Full name: Takahito Ono.**, Professor, Dr. Eng.

**Academic position:** Professor

**Job’s position:**

Department of Mechanical Systems Engineering Graduate School of Engineering, Tohoku University, Sendai, Japan

Micro System Integration Center (μSiC), Tohoku University, Sendai, Japan

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| |  | | --- | | *Your new photo* |   **Contacts:**  Email address:  takahito.ono.d4@tohoku.ac.jp  Handphone: (+81)90-6450-3324  Website of personal/ lab/dept:  <https://www.nme.mech.tohoku.ac.jp/index_e.html> | **1. Research Area*s****:*  - Nanoengineering and Nanotechnology  - Micro/Nanosensor  - Ultimate sensing  -Functional material and processes  **2. Education:**   * Dr. Eng., **March 1996**, Graduate School of Engineering, Department of Precision Engineering, Tohoku University, Japan * Master of Science (Physics), **March 1992**, Graduate School of Science, Tohoku University, ,Japan   **3. Academic Activities**:   * Director, Micro System Integration Center (uSiC), Tohoku University * Director, MicroNanomachining Research Education Center, Tohoku University * Executive Committee of The Electrochemical Society (ECS), USA. * Editorial Board, Nature Microsystems & Nanoengineering * Editorial board, Institute of Physics (IOP), Journal of Micromechanics and Microengineering * Representative Member, Japan Society of Mechanical Engineers * Deputy Director, IEEJ Sensors and Micromachines Division Executive Committee * (Invited talk) Takahito Ono, Magneto-Mechanical Micro-Nano Devices with Electrodeposited Magnetostriction Films, ECS symposium, October 8-12, 2023 – Gothenburg, Sweden.   (Peer-reviewed Paper, total 310 papers )   * (Paper) Naoki Inomata, T. Miyamoto, K. Okabe and T. Ono, Measurement of cellular thermal properties and their temperature dependence based on frequency spectra via an on-chip-integrated microthermistor, Lab on a Chip, 23 (2023) 2411-2420. * (Paper) H. Arisawa, H. Shim, S. Daimon, T. Kikkawa, Y. Oikawa, S. Takahashi, T. Ono, E. Saitoh, Observation of spin-current striction in a magnet, Nature Communication, 13 (2022) 2400.   **4. Research Achievements and Awards:**  He received Tokin Research Award from Tokin Science Foundation for the development of nanomechanical machines on 2005, also received MNC 2012 Paper Award, 15th International Microprocess and Nanotechnology Conference, IEEJ paper award 2019, Microsystem & Nanoengineering Award 2020, and IEEJ award 2022. He presented invite lectures over 60 at international conferences. |