

OSTC SEMINAR

Thursday, March 23, 2017 2:00 p.m.
Iowa Advanced Technology Center (IATL)
Conference Room, 104

“Brief Introduction of Toyohashi University of Technology”

Dr. Toshihiro Kitada

**Specially Appointed Professor, Department of Environmental and Life Sciences
Toyohashi University of Technology**



“Major Thrust Areas of Research at Toyohashi Tech Electronics Group”

Dr. Takeshi Kawano

**Associate Professor, Department of Electrical and Electronic Information Engineering
Integrated Circuit Group *(ICG), Toyohashi University of Technology**

Takeshi Kawano received the M.S. degree in Electrical and Electronic Engineering in 2001, and Ph.D. degree in Electronic and Information Engineering in 2004, all from Toyohashi University of Technology, Aichi, Japan. Since 2004, he was a postdoctoral research fellow at Toyohashi University of Technology, where he worked on the development of silicon microprobe array devices for neural recordings. He joined Mechanical Engineering and Berkeley Sensor and Actuator Center (BSAC) at the University of California Berkeley on April 2005, as a postdoctoral researcher with his funding from the Japan Society for the Promotion of Science (JSPS). Takeshi Kawano joined the faculty of Toyohashi University of Technology on May 2007, where he is currently an associate professor of Electrical and Electronic Information Engineering. He is also a researcher of Precursory Research for Embryonic Science and Technology (PRESTO), funded by the Japan Science and Technology Agency (JST), from October 2010.

Kawano's present research interests focus on the fabrication of micro/nanoscale devices especially microprobes, nanowires and nanotubes, and the manufacturing of integrated circuits with sensors as well as the sensor devices to use in neural interfaces (neurons-electronics interface device). His research has been recognized with many awards including, IEEE International Conference on Solid-State Sensors, Actuators and Microsystems (Transducers) Outstanding Paper Award (2009), 2008 Highlights Collection (JMM)(2009), IOP Select (2008), IEEE Electron Device Japan Chapter Student Award (2005), JSPS Postdoctoral Fellowship for Research Abroad (2004) and Japan Society of Applied Physics (JSAP) Presentation Award (2001).

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