

Professor **KENJI UCHINO**

Institution: Pennsylvania State University, United States

Short biography and experience:

Prof. Uchino is an American electronics engineer, physicist, academic, inventor and industry executive. He is currently a Professor of Electrical Engineering at Pennsylvania State University, where he also directs the International Center for Actuators and Transducers at Materials Research Institute. He is the former Associate Director (US Navy Ambassador to Japan) at The US Office of Naval Research – Global Tokyo Office. Prof. Uchino has conducted extensive research on solid-state physics, focusing especially on ferroelectrics and piezoelectrics. Prof. Uchino's work has resulted in over 584 research papers, over 78 books and 33 patents in the ceramic actuator area. Uchino is a Fellow of IEEE and the American Ceramic Society and a senior member of the National Academy of Inventors. He chaired the Smart Actuators/Sensors Study Committee in Japan from 1987 till 2014. Prof. Uchino is the Editor in Chief of Insight-Material Science and the Associate Editor in Chief of Actuators.

Lecture title: **Usage of non-toxic materials and the disposal technology for existing hazardous materials**

Google scholar:

<https://scholar.google.com/citations?user=aMZf7PUAAAAJ&hl=en>

Other links:

<https://www.researchgate.net/profile/Kenji-Uchino>

<https://www.eecs.psu.edu/departments/directory-detail-g.aspx?q=KXU1>

<https://orcid.org/0000-0003-1651-7912>