

静岡大学電子工学研究所の紹介

Introduction of Research Institute of Electronics, Shizuoka University

日 時 : 2022 年7月13 日 (水曜日) 13:30-14:30 / 13 July 2022 (Wednesday) 1:30-2:30pm

参加無料, 事前申込不要 / Admission free, No advanced registration required

場 所 : 東北大学 青葉山キャンパス マイクロ・ナノマシニング研究教育センター (MNC)
3階セミナー室 / Tohoku University, Aobayama Campus, Micro-Nanomachining Research &
Education Center (MNC), 3rd floor, Seminar room

主 催 : マイクロ・ナノマシニング研究教育センター, 田中(徹)・木野/福島研究室
Organized by MNC and T. Tanaka & H. Kino / T. Fukushima Laboratory, Tohoku University

講 師 : 三村秀典 教授 博士 (元静岡大学電子工学研究所 所長)

Dr. Hidenori Mimura (Former Director, the Research Institute of Electronics, Shizuoka University)

Prof. Hidenori Mimura graduated from the Graduate School of Electronic Science and Technology, Shizuoka University in 1987. He received Dr. Engineering Degree. He joined Nippon Steel Corporation in 1987, and moved the ATR Optical Radio Communications Research Laboratories in 1994. From 1996 to 2003, he was an associate professor in the Research Institute of Electrical Communication, Tohoku University. In 2003 he moved the Research Institute of Electronics, Shizuoka University as a professor. From 2007 to 2022 he was a director of the Research Institute of Electronics, Shizuoka University. At present he is a specially appointed professor of the Research Institute of Electronics, Shizuoka University. He has been engaged in nanomaterials and nanodevices for imaging science.

要 旨 :

画像技術は単に像を撮像・表示することに留まらず、各種計測機能を取り込み、計測分野を点計測から2次元、3次元へと拡張させている。テレビジョンの発祥の伝統を引き継ぐ静岡大学電子工学研究所では、時間・空間・波長・強度において極限性能を目指した画像デバイス研究を行っている。本講演では、静岡大学電子工学研究所で行っている最先端の画像デバイスの研究を紹介し、今後の画像デバイスの可能性を議論する。

Image technology is not limited to simply acquiring and displaying images, but also incorporates various measurement functions, and expands the measurement field from point measurement to 2D and 3D measurements. The Research Institute of Electronics, Shizuoka University, which continues the tradition of the origins of television, conducts research on imaging devices aiming at extreme performance in time, space, wavelength, and intensity. In this lecture, I will introduce the research on cutting-edge imaging devices conducted at the Research Institute of Electronics, Shizuoka University, and discuss the possibilities of future imaging devices.