

External Awards

IEICE Electronics Express (ELEX) Best Paper Award

Winners: Hiroyuki Uzawa, NTT Device Innovation Center; Shuhei Yoshida, NTT Device Innovation Center; Yuukou Iinuma, NTT Device Innovation Center; Saki Hatta, NTT Device Innovation Center; Daisuke Kobayashi, NTT Device Innovation Center; Yuya Omori, NTT Device Innovation Center; Ken Nakamura, NTT Device Innovation Center; Shuichi Takada, ArchiTek Corporation; Hassan Toorabally, ArchiTek Corporation; Kimikazu Sano, NTT Device Innovation Center

Date: September 6, 2022

Organization: The Institute of Electronics, Information and Communication Engineers (IEICE)

For “High-definition Object Detection Technology Based on AI Inference Scheme and Its Implementation.”

Published as: H. Uzawa, S. Yoshida, Y. Iinuma, S. Hatta, D. Kobayashi, Y. Omori, K. Nakamura, S. Takada, H. Toorabally, and K. Sano, “High-definition Object Detection Technology Based on AI Inference Scheme and Its Implementation,” IEICE ELEX, Vol. 18, No. 22, p. 20210323, 2021.

Young Scientist Presentation Award

Winner: Fumihide Kobayashi, NTT Device Technology Laborato-

ries

Date: September 20, 2022

Organization: The Japan Society of Applied Physics (JSAP)

For “Co-optimized Metalens and Reconstruction Network for Compressive Spectral Imaging.”

Published as: F. Kobayashi, M. Miyata, Y. Sogabe, and T. Hashimoto, “Co-optimized Metalens and Reconstruction Network for Compressive Spectral Imaging,” The 69th JSAP Spring Meeting, 23p-D315-2, Mar. 2022.

Young Researcher Encouragement Award

Winner: Ko Natori, NTT Network Innovation Center

Date: October 6, 2022

Organization: IEICE Technical Committee on Network Systems

For “Proposal of C-state Control Method in Frame Forwarding System for vRAN Traffic.”

Published as: K. Natori, K. Fujimoto, and A. Shiraga, “Proposal of C-state Control Method in Frame Forwarding System for vRAN Traffic,” IEICE Tech. Rep., Vol. 122, No. 198, NS2022-92, pp. 70–75, Oct. 2022.