

# External Awards

## **FIT Encouragement Award**

**Winner:** Yuukou Iinuma, NTT Device Innovation Center

**Date:** September 11, 2023

**Organization:** Information Processing Society of Japan (IPSJ)

For “Object Detection in 8K Ultra-high-definition Video on Edge Devices.”

**Published as:** Y. Iinuma, S. Hatta, H. Uzawa, S. Yoshida, and K. Yamazaki, “Object Detection in 8K Ultra-high-definition Video on Edge Devices,” Proc. of the 22nd Forum on Information Technology (FIT2023), Osaka, Japan, Sept. 2023.

## **Best Paper Award**

**Winners:** Motohiro Makiguchi, NTT Human Informatics Laboratories; Ayaka Sano, NTT Human Informatics Laboratories; Takahiro Matsumoto, NTT Human Informatics Laboratories; Hiroshi Chigira, NTT Human Informatics Laboratories; Takayoshi Mochizuki, NTT Human Informatics Laboratories

**Date:** October 15, 2023

**Organization:** Association for Computing Machinery (ACM)

For “Implementation of Interactive Mirror-Transcending Aerial Imaging System.”

**Published as:** M. Makiguchi, A. Sano, T. Matsumoto, H. Chigira, and T. Mochizuki, “Implementation of Interactive Mirror-Transcending Aerial Imaging System,” Proc. of the 2023 ACM Symposium on Spatial User Interaction (SUI 2023), Article no. 12, Sydney, Australia, Oct. 2023.

## **ICCE 2024 Best Session Presentation Award**

**Winners:** Masahiro Fukui, NTT Computer and Data Science Laboratories; Kazunori Kobayashi, NTT sonority, Inc.; Noriyoshi Kamado, NTT Computer and Data Science Laboratories

**Date:** January 8, 2024

**Organization:** The 42nd IEEE International Conference on Consumer Electronics (ICCE 2024)

For “A Seat Headrest Loudspeaker System with Personalized Sound Zone Capabilities.”

**Published as:** M. Fukui, K. Kobayashi, and N. Kamado, “A Seat Headrest Loudspeaker System with Personalized Sound Zone Capabilities,” Proc. of ICCE 2024, Las Vegas, NV, USA, Jan. 2024.

## **Best Paper Award**

**Winners:** Tomohiro Korikawa, NTT Network Service Systems Laboratories; Chikako Takasaki, NTT Network Service Systems Laboratories; Kyota Hattori, NTT Network Service Systems Laboratories; Hidenari Ohwada, NTT Network Service Systems Laboratories

**Date:** February 21, 2024

**Organization:** 2024 IEEE International Conference on Computing, Networking and Communications (ICNC 2024)

For “A Routing Method with Link Information-based Rule Selection in Non-Terrestrial Networks.”

**Published as:** T. Korikawa, C. Takasaki, K. Hattori, and H. Ohwada, “A Routing Method with Link Information-based Rule Selection in Non-Terrestrial Networks,” Proc. of ICNC 2024, pp. 807–812, Big Island, HI, USA, Feb. 2024.

## **Silver Contribution Award**

**Winner:** Tomohiro Korikawa, NTT Network Service Systems Laboratories

**Date:** February 21, 2024

**Organization:** ICNC 2024

For contribution to the IEEE Communications Society through the continued submission and presentation of papers at ICNC.

## **Young Researcher’s Award**

**Winner:** Shuhei Yoshida, NTT Device Innovation Center

**Date:** March 5, 2024

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

For “Pose Estimation Technology Based on AI Inference for High-definition Image.”

**Published as:** S. Yoshida, H. Uzawa, Y. Iinuma, S. Hatta, Y. Omori, Y. Horishita, D. Kobayashi, K. Nakamura, and K. Yamazaki, “Pose Estimation Technology Based on AI Inference for High-definition Image,” Proc. of the 2023 IEICE General Conference, D-12-24, Omiya, Saitama, Japan, Mar. 2023.

## **Young Researcher’s Award**

**Winner:** Yasunori Yagi, NTT Network Innovation Laboratories

**Date:** March 5, 2024

**Organization:** IEICE

For “Experimental Evaluation on Sub-THz OAM Multiplexing Transmission with Scaling Reflector Antenna.”

**Published as:** Y. Yagi, H. Sasaki, D. Lee, and R. Kudo, “Experimental Evaluation on Sub-THz OAM Multiplexing Transmission with Scaling Reflector Antenna,” Proc. of the 2023 IEICE Society Conference, B-17-3, Nagoya, Aichi, Japan, Sept. 2023.

## **Telecom System Technology Award**

**Winner:** Motoharu Sasaki, NTT Access Network Service Systems Laboratories

**Date:** March 21, 2024

**Organization:** The Telecommunications Advancement Foundation

For “Extension of ITU-R Site-General Path Loss Model in Urban Areas Based on Measurements from 2 to 66 GHz Bands.”

**Published as:** M. Sasaki, M. Nakamura, N. Kuno, W. Yamada, N. Kita, T. Onizawa, Y. Takatori, H. Nakamura, M. Inomata, K. Kitao, and T. Imai, “Extension of ITU-R Site-General Path Loss Model in Urban Areas Based on Measurements from 2 to 66 GHz Bands,” IEICE Transactions on Communications, Vol. E104.B, No. 7, pp. 849–857, 2021.