External Awards

Best Paper Award Runner-Up
Winners: Yasunori Ohishi, NTT Communication Science Laboratories; Marc Delcroix, NTT Communication Science Laboratories; Tsubasa Ochiai, NTT Communication Science Laboratories; Shoko Araki, NTT Communication Science Laboratories; Daiki Takeuchi, NTT Communication Science Laboratories; Daisuke Niizumi, NTT Communication Science Laboratories; Akisato Kimura, NTT Communication Science Laboratories; Noboru Harada, NTT Communication Science Laboratories; Kunio Kashino, NTT Communication Science Laboratories
Date: October 12, 2022
Organization: The 30th Association for Computing Machinery International Conference on Multimedia (ACM Multimedia 2022)

For "ConceptBeam: Concept Driven Target Speech Extraction."
Published as: Y. Ohishi, M. Delcroix, T. Ochiai, S. Araki, D. Takeuchi, D. Niizumi, A. Kimura, N. Harada, and K. Kashino, "ConceptBeam: Concept Driven Target Speech Extraction," ACM Multimedia 2022, Lisbon, Portugal, Oct. 2022.

Optics Awards for Excellent Papers
Winner: Masashi Miyata, NTT Device Technology Laboratories
Date: November 14, 2022
Organization: The Optical Society of Japan

For "Full-color-sorting Metalenses for High-sensitivity Image Sensors."
Published as: M. Miyata, N. Nemoto, K. Shikama, F. Kobayashi, and T. Hashimoto, "Full-color-sorting Metalenses for High-sensitivity Image Sensors," Optica, Vol. 8, No. 12, pp. 1596–1604, 2021.

Incentive Award
Winner: Xiaoxi Zhang, NTT Space Environment and Energy Laboratories
Date: November 19, 2022
Organization: Japan Women Engineers Forum

For being a role model for young female engineers by demonstrating leadership in her workplace.

Best Paper Award
Winners: Yohei Tahara, Nihon University; Toshiki Onishi, Nihon University; Asahi Ogushi, Nihon University; Ryo Ishii, NTT Human Informatics Laboratories; Atsushi Fukayama, NTT Human Informatics Laboratories; Takao Nakamura, NTT Human Informatics Laboratories; Akihiro Miyata, Nihon University
Date: November 25, 2022
Organization: Information Processing Society of Japan (IPSJ) Groupware & Network Services Workshop (GNWS)

For "A Study on Detection of Praising Behaviors in Face-to-Face and Remote Dialogues."
Published as: Y. Tahara, T. Onishi, A. Ogushi, R. Ishii, A. Fukayama, T. Nakamura, and A. Miyata, "A Study on Detection of Praising Behaviors in Face-to-Face and Remote Dialogues," Proc. of GNWS 2022, pp. 36–43, Ibaraki, Japan, Nov. 2022.

Best Paper Award
Winners: Takuya Kanai, NTT Access Network Service Systems Laboratories; Shin Kaneko, NTT Access Network Service Systems Laboratories; Jun-ichi Kani, NTT Access Network Service Systems Laboratories; Tomoaki Yoshida, NTT Access Network Service Systems Laboratories
Date: November 30, 2022
Organization: 2022 International Conference on Emerging Technologies for Communications (ICETC 2022)

For "Novel Wavelength-multiplexed AMCC Insertion and Detection Method with Single Receiver for Protocol-independent End-to-end User Connections in APN."
Published as: T. Kanai, S. Kaneko, J. Kani, and T. Yoshida, "Novel Wavelength-multiplexed AMCC Insertion and Detection Method with Single Receiver for Protocol-independent End-to-end User Connections in APN," ICETC 2022, Tokyo, Japan, Nov./Dec. 2022.

IEEE MTT-S Japan Young Engineer Award
Winner: Hiroshi Hamada, NTT Device Technology Laboratories
Date: December 1, 2022
Organization: IEEE Microwave Theory and Techniques Society (MTT-S) Japan Chapter

For "220–325-GHz 25-dB-gain Differential Amplifier with High Common-mode-rejection Circuit in 60-nm InP-HEMT Technology."
Published as: H. Hamada, T. Tsutsumi, A. Pander, H. Matsuzaki, H. Sugiyama, H. Takahashi, and H. Nosaka, "220–325-GHz 25-dB-gain Differential Amplifier with High Common-mode-rejection Circuit in 60-nm InP-HEMT Technology," IEEE Microwave and Wireless Components Letters, Vol. 31, No. 6, pp. 709–712, 2021.

Michiyuki Uenohara Memorial Award
Winner: Hiroshi Hamada, NTT Device Technology Laboratories
Date: December 1, 2022
Organization: IEEE MTT-S Japan Chapter

For "220–325-GHz 25-dB-gain Differential Amplifier with High Common-mode-rejection Circuit in 60-nm InP-HEMT Technology."
Published as: H. Hamada, T. Tsutsumi, A. Pander, H. Matsuzaki, H. Sugiyama, H. Takahashi, and H. Nosaka, "220–325-GHz 25-dB-gain Differential Amplifier with High Common-mode-rejection Circuit in 60-nm InP-HEMT Technology," IEEE Microwave and Wireless Components Letters, Vol. 31, No. 6, pp. 709–712, 2021.

Intelligence, Informatics and Infrastructure Outstanding Potential Paper Award
Winners: Akira Ito, NTT Access Network Service Systems Laboratories; Aiko Furukawa, Kyoto University
Date: December 1, 2022
Organization: Japan Society of Civil Engineering

For "Corrosion Prediction Method for Inner Surface of Telecommunication Conduit with Machine Learning Based on Inspection Results."
Published as: A. Ito and A. Furukawa, "Corrosion Prediction Method for Inner Surface of Telecommunication Conduit with Machine Learning Based on Inspection Results," Artificial Intelligence and Data Science, Vol. 3, No. J2, pp. 517–526, 2022.

Best Poster Award
Winner: Yuki Kubo, NTT Human Informatics Laboratories
Date: December 9, 2022

Organization: 2022 ACM Symposium on Spatial User Interaction (ACM SUI 2022)

For "Ring-type Indirect Pointing Device for Large Displays Using Three-axis Pressure Sensor."
Published as: Y. Kubo, "Ring-type Indirect Pointing Device for Large Displays Using Three-axis Pressure Sensor," Proc. of ACM SUI 2022, Article no. 33, Virtual conference, Dec. 2022.

Best Paper Award
Winners: Takeshi Kakizaki, NTT Network Innovation Laboratories; Masanori Nakamura, NTT Network Innovation Laboratories; Fukutaro Hamaoka, NTT Network Innovation Laboratories; Yoshiaki

Kisaka, NTT Network Innovation Laboratories
Date: December 13, 2022
Organization: The Institute of Electronics, Information and Communication Engineers (IEICE) Technical Committee on Optical Communication Systems (OCS)

For "Decoding Complexity Reduction of Forward Error Correction by Channel-polarized Multilevel Coding."
Published as: T. Kakizaki, M. Nakamura, F. Hamaoka, and Y. Kisaka, "Decoding Complexity Reduction of Forward Error Correction by Channel-polarized Multilevel Coding," IEICE Tech. Rep., Vol. 122, No. 70, OCS2022-11, pp. 6–11, 2022.