

Professor Kenji Suzuki, Ph.D.

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Kenji Suzuki, Ph.D. (Nagoya University) worked at Hitachi Medical Corp, Aichi Prefectural University, Japan, as a faculty member, in Department of Radiology, University of Chicago, as Assistant Professor, and Medical Imaging Research Center, Illinois Institute of Technology, as Associate Professor (Tenured). He is currently a Professor (Tenured) & Founding Director of Biomedical Artificial Intelligence Research Unit in Institute of Innovative Research, Tokyo Institute of Technology, Japan.

Dr. Suzuki' research interests include deep/machine learning, medical imaging, computer-aided diagnosis, and artificial intelligence (AI). He has published more than 395 papers including 125 peer-reviewed journal papers in leading journals such as IEEE TPAMI (Impact Factor: 24.3), Radiology (IF: 29.1), and IEEE TMI (IF: 11.0). Since 1994, Dr. Suzuki has been studying his image-based machine-learning models, which are now considered ones of the earliest deep learning models, and their applications to AI-aided diagnosis and medical imaging. His papers were cited more than 16,000 times, and his h-index is 61. He is an inventor on 37 patents (including 14 granted patents; ones of earliest deep-learning patents), which were licensed to several companies and commercialized, including the world-first FDA-approved deep-learning product (2010). He published 16 books and 28 book chapters. He was awarded more than 50 grants including NIH, NSF, JST, and NEDO grants, totaling \$8.1M as PI and \$15.1M as Co-PI.

He has served as a grant reviewer for funding agencies, including NIH, NSF, Swiss NSF, Research Councils UK, Netherlands Organisation for Scientific Research (NWO), American Cancer Society (ACS), and U.S. Department of State. He has served as the Editor-in-Chief/Associate Editor of dozens of leading international journals, including AI, Pattern Recognition (IF: 8.5), Frontiers in Oncology (IF: 6.2), Quantitative Imaging in Medicine and Surgery (IF: 4.6), and Medical Physics (IF: 4.5). He has served as a referee for more than 125 international journals, including Science Translational Medicine (IF: 19.4) and Nature Communications (IF: 17.7). He served as an organizer of 110 international conferences, and a program committee member of 125 international conferences including MICCAI, IEEE EMBC, and IEEE ISBI. His research was covered in 52 articles in newspapers and magazines, including Lancet Respiratory Medicine (IF: 102.6). He received 20 international awards, including 5 international conference awards from RSNA in 2003, 2004, 2006, and 2009, and SPIE in 2006, Kurt Rossmann Award for Excellence in Teaching in 2011, 3 Best Journal Paper Awards from IEICE in 2014, EANM Springer-Nature in 2016, JSMP and JSRT in 2020, and 2021 Award for Science and Technology at Commendation for Science & Technology by Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan for his pioneering research in deep learning and its applications in the medical imaging field.

Dr. Suzuki started his involvement in IARIA in 2010 when he was invited to join the Program Committee of the Second International Conference on Advanced Cognitive Technologies and Applications (COGNITIVE). He served as a Steering Committee member of the International Conference on Ambient Computing, Applications, Services and Technologies (AMBIENT) from 2017-2024, and as a Program Committee member of the COGNITIVE from 2010-2014, the AMBIENT from 2017-2020, and the International Conference on eHealth, Telemedicine, and Social Medicine (eTELEMED) from 2023-2024. He gave a Keynote Speech at NexTech 2022 Congress & TrendNews 2022 Congress, Valencia, Spain, and acted as a Moderator of a Panel and gave a Keynote Speech at NexComm 2023 Congress & DigitalWorld 2023 Congress, Venice, Italy.