



Young-Im Cho

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Professor Young-Im Cho received her bachelor's, master's, and doctoral degrees in Computer Science from Korea University. In 2000, she completed her postdoctoral research at the University of Massachusetts Amherst, USA. Currently, she is a Professor in the Department of Computer Engineering at Gachon University and leads the AI and Smart City Laboratory. She also heads the Intelligent Service Robot Automation System Society.

She serves as the Head of Delegation for ISO/IEC JTC 1/SC 42 on Artificial Intelligence and is the Convenor of ISO/IEC JTC 1/SC 43 WG 5 on Brain-Computer Interface (BCI) data. She is also an expert member of ISO/IEC TC 268 on Smart Cities. Domestically, she chairs the Standards Subcommittee for the AI New Industry Committee under the Ministry of Trade, Industry and Energy (MOTIE) and leads the SC 42 Korean Mirror Committee. As a Project Editor for SC 42/WG 5, she is actively contributing to the development of guidelines for lightweight AI systems and hybrid AI inference frameworks.

Since 2023, Professor Cho has served as a committee member of the National R&D Council under the Korean Presidential Office. She was previously a committee member for Smart Cities under the 4th Industrial Revolution Presidential Commission from 2017 to 2022.

In addition to her leadership in international standardization, Professor Cho plays a vital role in shaping national AI policy. Her current work includes leading the development of sustainable AI standards and promoting AI safety frameworks for emerging technologies.

From 2013 to 2014, she was a visiting professor at Purdue University, USA. Professor Cho has published over 600 research papers across journals and international conferences, and authored 23 textbooks and reference books. She has received numerous prestigious honors, including two national medals from the Korean government (in 2013 and 2023) and more than 20 academic awards from various societies.

She is currently an editorial board member of over 50 international journals and conferences. Her research interests include Artificial Intelligence, Brain-Computer Interfaces, Smart Cities, Big Data, Cloud Service Robotics, AI Safety, and AI Sustainability. She is a Senior Member of both IEEE and ACM.