

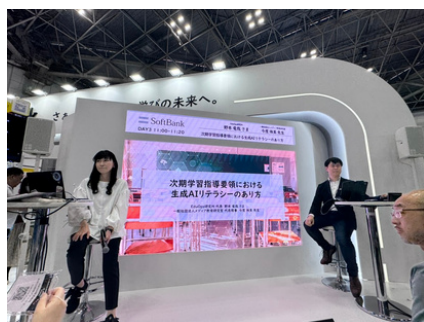
MONTHLY NEWSLETTER

Monthly Reflections: Advancing Computer Science Education
Through ICSEC

ICSEC MEMBERS AT EDIX TOKYO 2026



EDIX Tokyo, Japan's largest education exhibition



Discussion on AI ethics and responsible use in education



Experts and ICSEC members networking

As we move into the second half of 2026, our global community continues to demonstrate the power of collaboration across borders. From international conferences in Japan to thought-provoking study group discussions on AI literacy, ICSEC members are actively shaping the future of computer science education.

This month, we highlight our members' participation in **EDIX Tokyo 2026** and a symposium on Generative AI in Education in Tokyo, while sharing key insights from our latest study group session on AI education for young learners.

AI SYMPOSIUM ON GENERATIVE AI IN EDUCATION



Opening remarks by **Yuta Tonegawa**, Chairperson of ICSEC and Founder of Code for Everyone

Several ICSEC members also participated in **a symposium on Generative AI in Education organized by Code for Everyone (みんなのコード)**. The event featured updates on Japan's national AI-in-education policy from MEXT, presentations from pioneering educators, and hands-on workshops exploring practical uses of generative AI in teaching and learning.



Code for Everyone CEO, **Akiko Sugino** leading the panel discussion

A common theme throughout the symposium was that many countries face similar opportunities and challenges in AI education. By sharing experiences and promising practices across borders, ICSEC members can adapt successful approaches to local contexts and collectively strengthen computer science education worldwide.

AI EDUCATION FOR OUR YOUNGEST LEARNERS

As AI becomes increasingly accessible to children, one of the key questions facing educators is how to introduce AI in ways that are meaningful, ethical, and age-appropriate. This month's study group explored that question with **Dr. Allyson Kennedy**, Chief Partnerships Officer at **BootUp PD**.



How can we introduce artificial intelligence to children in ways that are meaningful, ethical, developmentally appropriate, and connected to real-world learning?

Start Earlier Than We Think

One of the strongest messages from the session was that AI literacy should begin in elementary school. Students do not need advanced mathematics or programming experience to begin exploring concepts such as: **Data Classification**, **Pattern Recognition**, **Bias**, **Decision Making**, and **Ethical technology use**. By introducing these concepts early, educators can build confidence and curiosity while helping learners develop critical thinking skills for an AI-driven world.

The **BootUp** AI Curriculum Pathway demonstrates how AI concepts can be integrated across science, computer science, and social-emotional learning. Examples include:



Grade 3: AI Snack Detectives

Students investigate how data patterns and bias influence AI decisions by sorting snacks and creating classification rules.



Ethics Must Be Part of the Conversation

A recurring theme throughout the study group was that AI education should not focus solely on technology.

- Is the data fair?
- Who benefits from this system?
- Who might be excluded?
- What happens when AI makes mistakes?

These conversations help learners become thoughtful creators and informed users of technology.

ICSEC continues to grow through shared values and meaningful collaboration.

If you're interested in contributing to or collaborating, please reach out to us at catherine@i-csec.org