

‘Samsung AI Forum 2020’ Explores the Future of Artificial Intelligence



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Samsung Electronics announced today that it will hold the Samsung AI Forum 2020 online via its YouTube channel for two days from November 2nd to 3rd. Marking its fourth anniversary this year, the forum gathers world-renowned academics and industry experts on artificial intelligence (AI) and serves as a platform for exchanging ideas, insights and latest research findings, as well as a platform to discuss the future of AI.

On Day 1, which will be hosted by Samsung Advanced Institute of Technology (SAIT), Samsung’s R&D hub dedicated to cutting-edge future technologies, Dr. Kinam Kim, Vice Chairman & CEO of Device Solutions at Samsung Electronics will deliver opening remarks. Renowned AI experts will subsequently give presentations under the theme “AI Technologies for Changes in the Real World.”

This year, Dr. Inyup Kang, President of System LSI Business at Samsung Electronics will join the panel discussion with the presenters. Topics for in-depth discussions include: challenges that need to be overcome on a global level through AI technologies over the next decade; limitations that AI faces in tackling real-world issues such as a pandemic or climate change; and whether humans need human-level AI, among other topics.

Professor Yoshua Bengio, the winner of the 2018 Turing Award, often referred to as “the Nobel Prize in computing,” is assuming co-chairmanship for the forum, and the newly established “Samsung AI Researcher of the Year” award will be presented at the event.

The awardee of the “Researcher of the Year” honor is selected

among global AI researchers under the age of 35 through extensive evaluations and assessments made by AI experts at both Samsung Electronics and renowned academic institutions. On the first day of the forum, the award ceremony will be held to present the USD 30,000 prize and the awardee will give a presentation.

Additionally, Samsung has named Professor Yoshua Bengio as “Samsung AI Professor.” As the co-chair of the forum with Dr. Sungwoo Hwang, President and Head of SAIT, Professor Bengio will utilize his wide networks and expertise in the field of deep learning to broaden cooperation for expanding the boundaries of AI research at Samsung Electronics.

“We have an outstanding set of speakers and discussion topics which promise to shed light on both the limitations of current AI technologies, which raise both practical and theoretical questions, and research directions aimed at reaching human-level intelligence,” said Professor Yoshua Bengio.

Day 2 sessions will be hosted by Samsung Research, the advanced R&D hub of the company that leads the development of future technologies for Samsung Electronics’ SET (end-products) Business. Under the theme “Human-Centered AI,” Dr. Sebastian Seung, President and Head of Samsung Research, will deliver the keynote speech, and AI experts who have been actively engaging in AI research activities worldwide will share their insights.

Professor Christopher Manning, a renowned expert in natural language processing (NLP), will speak on the current status and future of NLP technologies required for Human-Centered AI. He previously delivered the keynote speech at the first Samsung AI Forum in 2017 on the development of neural network-based natural language understanding technology. Samsung has been working with Professor Manning on Q&A and dialogue modeling and will continue to collaborate with him on the overall development of NLP technologies.

After the presentations, Sebastian Seung, a pioneer in AI research based on neuroscience, will preside over an in-depth

panel discussion with the four speakers regarding the prospects and future direction of Human-Centered AI.

“We hope that Samsung AI Forum 2020 will contribute to enhanced understanding of AI technology developments and its applications that can bring positive impact to human lives,” said Seung. “Especially since this year’s forum will be held online, I hope that the event will be an opportunity for greater participation of those interested in AI technologies.”

The event will be open to pre-registered attendees. Registration is available through the Samsung Advanced Institute of Technology website and the Samsung Research website starting October 6.

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