

MESSAGES



Ju-Jang Lee

General Chair of AROB

Professor, KAIST

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The Eighteenth International Symposium on Artificial Life and Robotics (AROB) will be held in Daejeon, Korea from Jan 30th to Feb. 1st, 2013. This year's Symposium will be held amidst the high expectation of the increasingly important role of the new interdisciplinary paradigm of science and engineering represented by the field of artificial life and robotics that continuously attracts wide interests among scientist, researchers, and engineers around the globe.

Since the time of the very first AROB meeting in 1996, each year, distinguished researchers and technologists from around the world are looking forward to attending and meeting at AROB. AROB is becoming the annual excellent forum that represents a unique opportunity for the academic and industrial communities to meet and assess the latest developments in this fast growing artificial life and robotics field. AROB enables them to address new challenges, share solutions, discuss research directions for the future, exchange views and ideas, view the results of applied research, present and discuss the latest development of new technologies and relevant applications.

In addition, AROB offers the opportunity of hearing the opinions of well known leading experts in the field through the keynote sessions, provides the bases for regional and international collaborative research, and enables to foresee the future evolution of new scientific paradigms and theories contributed by the field of artificial life and robotics and associated research area. The twenty-first century will become the century of artificial life and intelligent machines in support of humankind and AROB is contributing through wide technical topics of interest that support this direction.

It is a great for me as the General Chairman of the 18th AROB 2013 to welcome everyone to this important event. Also, I would like to extend my special thanks to all authors and speakers for contributing their research works, the participants, and the organizing team of the 18th AROB.

Looking forward to meeting you at the 18th AROB in Daejeon, Korea and wishing you all the best.



Masanori Sugisaka

General Chair of AROB

ALife Robotics Corporation, Ltd. , Japan

A handwritten signature in black ink that reads "Masanori Sugisaka". The signature is written in a cursive, flowing style.

It is my great pleasure to invite you all to the Eighteenth International Symposium on Artificial Life and Robotics (AROB 18th '13).

The symposium from the first (1996) to the Thirteenth (2008) were organized by Oita University and Nippon Bunri University (NBU) and the Symposium from the Fourteenth (2009) to the Seventeenth (2012) were organized by Nippon Bunri University (NBU) and ALife Robotics Corporation Ltd. under the sponsorship of the Science and Technology Policy Bureau, the Ministry of Education, Science, Sports, and Culture (Monbusho), presently, the Ministry of Education, Culture, Sports, Science, and Technology (Monkasho), Japanese Government, Japan Society for the Promotion of Science (JSPS), The Commemorative Organization for the Japan World Exposition ('70), Air Force Office of Scientific Research, Asian Office of Aerospace Research and Development (AFOSR/AOARD), USA. I would like to express my sincere thanks to not only Monkasho, JSPS, the Commemorative Organization for the Japan World Exposition ('70), AFOSR/AOARD but also Japanese companies (Mitsubishi Electric Corporation, Advanced Technology R&D Center, Oita Gas Co., Ltd., ME System Co. LTD, and Sanwa Shurui Co., LTD.) for their repeated supports.

This symposium is organized by International Organizing Committee of AROB and is sponsored by ALife Robotics Co., Ltd., and technically co-sponsored by IEEE Robotics and Automation Society Japan Chapter, JARA, SICE, ISCIE, IEICE and CAAI (P.R. China).

I hope that the new technologies presented in this symposium bring happiness to human society and will facilitate the establishment of an international research Institute of Artificial Life and Robotics.

Welcome and enjoy your stay in Daejeon.