FEALAC Award 2016

Call for Participation from East Asian Technology Institute and Universities

May 2016

1. East Asian FEALAC member countries can join in the competition

Government of Japan (GOJ) and IEEE agreed to establish FEALAC Award in IEEE Latin American Robotic Competition in the Category of Humanoid Robot Racing to be held on the 8th to 12th of the October at Centro de Convenções de Pernambuco, Recife city, Brazil, and to ask East Asian participants to join the competition in this category.

The registration for IEEE Latin American Robotic Competition 2016 is now open, and the organizer calls for the participation from East Asia.

The deadline of the registration is the 15th of July. If you are interested in participating, register now from the website below.

http://www.cbrobotica.org/

2. Background

Japan has been an active member of FEALAC and assumes the role of co-chair for the Science, Technology, Innovation and Education Working Group from 2014.

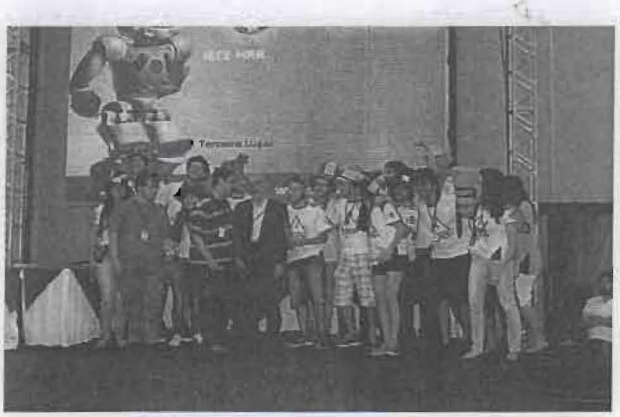
In 2012, Japan proposed to organize a Robotic Competition aiming to stimulate science and technology, academic cooperation and people-to-people exchange between Latin America and East Asia.

Last year, in 2015, IEEE and GOJ agreed the following measures in order to create an event where university students majoring in polytechnic and technology in Latin America and East Asia could meet and enjoy exchange through Robotic Competition.

(1) Participation of teams from FEALAC East Asian member countries to the IEEE Latin American Robotic Competition (Humanoid Robot Racing Category)

- East Asian teams would be comprised of students (Undergraduate, post-graduate and Colleges of Technology) between the ages of 18-24 whose area of study is related to robot technology.

(2) Establishment of FEALAC Award



-GOJ will create FEALAC Award where the winner would be chosen among the Latin American teams participating in Humanoid Robot Racing Category. For that purpose, GOJ would send a special judge Professor Masashi Shimizu, Honorary Professor of the Tokyo Institute of Technology, who has experience in organizing intra/inter-regional Robot Competition including that organized in Kenya. His CV is attached in the Annex.

-The winner of the FEALAC Award will be invited to Japan to participate in a 1-week program, including site visits and meetings with Japanese universities and polytechnics.

(3) Side events

-Side events will be held where East Asian teams will interact with the participants and audiences giving presentations on their robots and Q & As. Professor Shimizu would also make a presentation in the IEEE conference held back to back of the Robotic Competition.

The objective of this exchange session is to better understand how and where each team made efforts to improve the robots during their preparation and also to promote networking amongst East Asian and Latin American teams.

3. Abstract of 1st FEALAC Award

From the 27th of October to the 1st of November in 2015, IEEE Latin American Robotic Competition was held in Uberlandia, Brazil, and two East Asian teams participated in Humanoid Robot Racing Category.

As a result, National Institute of Technology, Sendai Collage won the first prize, breaking the competition's record. National Institute of Technology, Kumamoto College won the second prize.

FEALAC Award was given to the Brazilian team named EDROM, and the team was invited to Japan and participated in a week program, including a visit to National

Institute of Technology, Sendai Collage.

4. Contribution to FEALAC

As a regional framework consisting of 36 nations from East Asia and Latin America, the creation of the FEALAC Award within the IEEE Latin American Robotic Competition is an effective way to understand Robotic culture of both region and to promote the regional and national competition in both regions.

The participation of East Asian teams will stimulate Latin American students who participate in IEEE Latin American Robotic Competition, and vice vasa.

Also, GOJ's plan to invite a winning team of Latin America to Japan aiming further people-to-people exchanges and site visit, including several robot technologies related sites, could be an additional motivation for participation in the IEEE Latin American Robotic Competition.

FEALAC Forum for East Asia-Latin America Cooperation

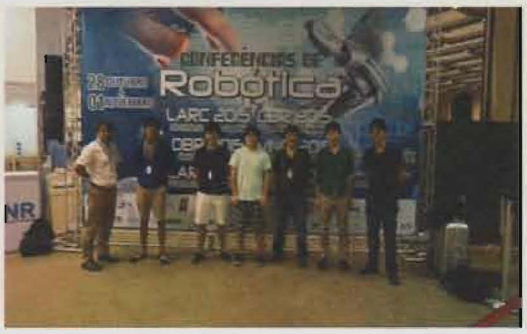
FEALAC AWARD

Results of Asian Participants and FEALAC Award in IEEE Latin American Robotic Competition

November 2015

1. Asian participants joined the Humanoid Robot Racing Category in IEEE Robotic Competition

Government of Japan (GOJ) and IEEE decided to establish FEALAC Award in IEEE Latin American Robotic Competition in the Category of Humanoid Robot Racing, which is held on 27th of October to 1st of November 2015 at Uberlandia Convention Center, Uberlandia City, Brazil, and to ask Asian participants to join the competition in this category from this year.



This proposal from Japan was welcomed and mentioned in San Jose declaration, and many member countries showed their interests in this project.

This year, Asian participants and Latin American participants competed in this same Robotic Competition for the first time, and National Institute of Technology, Sendai College won the first prize breaking the record time, and National Institute of Technology, Kumamoto Collage won the second prize.

2. FEALAC Award

FEALAC Award was established in Humanoid Robot Racing Category in IEEE Latin American Robotic Competition from this year, and a special judge Professor Masashi Shimizu, Honorary Professor of the University of Tokyo Institute of Technology chose the team EDROM/Brazil as FEALAC Award winner.

The winner team will be invited to Japan next year. They will participate in an exchange session with the students from National Institute of Technology, Sendai Collage, and visit several places, including sites related to various robot technologies in Japan.

* For inquiries and comments please contact wakana.yamada@mofa.go.jp

Annex. 1

Curriculum Vitae

Dr. Masashi Shimizu

Education

1966 Graduate. Tohoku University, Department of Precision Engineering
1968 Master of Engineering, Tohoku Univ. Graduate School of Engineering, Precision Engineering.
1972 Quitting Doctor Course, Tohoku Univ. Graduate School of Engineering, Precision Engineering. (1974 Doctor of Engineering)

Professions

1972 Research Associate, Tokyo Univ. Research Center of Space and Aeronautical Engineering
1977 Researcher, Ames Research Center, NASA (for 3years)
1981 Associate Professor, Tokyo Institute of Technology. Department of Control Engineering
1990 Invited Associate Professor. MIT (for one year)
1996 Professor, Tokyo Institute of Technology, Department of Informatics-Environmental Engineering.
2007 Professor, Maebashi Institute of Engineering.
2012 Retire Maebashi Institute of Engineering.

Relation with Robot Contest

1989~ Present Member of NHK Polytechnics Robot Contest Committee
1990 Starting of International Design Contest with Associate Prof. Harry West of MIT
2000 Starting Maebashi City robot Contest with Maebashi City
2002~ Present Member of International Committee of ABU (Asian Broadcasting Union) Robot Contest