Robot Demonstrations

Schedule

Date	July 7 - 10 (Mon - Wed) ▯ (Thu)
Time	09:00 - 18:00 ▯ 09:00 - 17:00
Location	Atlantic Hall, 3rd Floor

Each one of the following robots will be demonstrated for one or two days of the Congress week. The detailed schedule will be announced onsite.

Participating Robots

Hubo of KAIST

HUBO was developed based on KAIST humanoid robot platform - 2 (KHR-2) under the sponsorship of the MOCIE (Ministry Of Commerce, Industry and Energy), and introduced to the public in January, 2005. It has hybrid features: those of a suit worn in taekwondo, the Korean national sport, and of a space suit. Hubo's hybrid features show KAIST's intention to follow tradition while at the same time aiming to be future-oriented.

EveR-1 of KITECH

The performance of the android, EveR-1, developed in KITECH (Korea Institute of Industrial Technology) will be demonstrated. The appearance of EveR-1 is based on Korean female. EveR-1's name is derived from the Biblical 'Eve' and the letter 'R' of robot. EveR-1 is not bipedal, but is capable of motion from her torso up.

POMI of ETRI

POMI (Penguin rObot for Multimodal Interaction) is a five-senses-mounted emotional-expression robot that has been endowed with artificial intelligence and active reaction modules. POMI was developed by the U-Robot Research Division of ETRI and the hardware platform company GrandPort.

Guardian/REMbot of Korea University

Guardian is a portable two-wheeled guard robot capable of jumping. It can jump the stairs step-by-step by sensing the distance and height of the step and adjusting its jumping direction and height. REMbot (Recoverable Multi-tracked robot) is a small field robot with four tracks. It is able to overcome various obstacles, climb stairs autonomously and recover from the upside-down position.

Seropi of KITECH

SEROPI (SErvice RObot Platform Initiative) has a human-friendly shape and working space for visitor guidance, running errands, and guarding in an official environment. SEROPI has three DOFs (Degree Of Freedom) for the neck, waist, six DOFs for the two arms, and one DOF for the knee.

MAHRU of KIST

MAHRU is the world's first network-based humanoid. It has been endowed with artificial intelligence through a network. Unlike other famous humanoids, such as ASIMO, MAHRU focuses on network-based intelligence by using the network infrastructure, where Korea has world-class strengths.
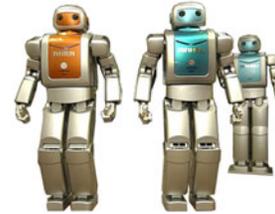
Robot Soccer Demonstration Game of FIRA

There are several game categories for FIRA Cup including MiroSot, RoboSot, SimuroSot, and HuroSot under HuroCup. In a demonstration game, two middle-league teams will complete: Sung Kyun Kwan University vs. KAIST. The 13th FIRA RoboWorld Cup 2008 will be held in Qingdao, China on July 22 - 25, 2008. *(www.FIRA.net)*
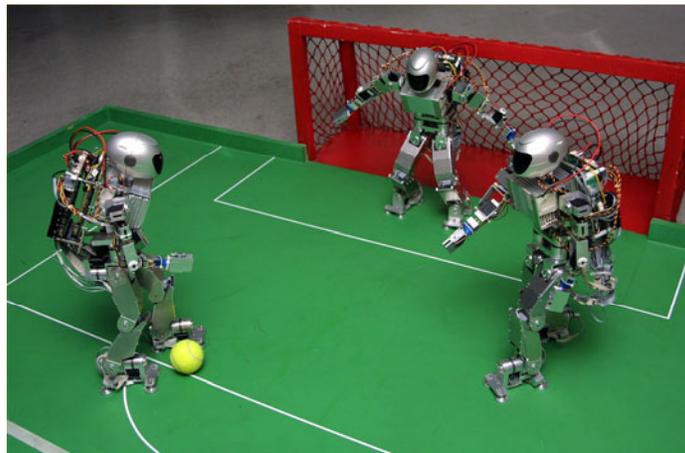
(Figure shows HanSaRam-VI for HuroSot)