# EDITORIAL: NEW TRENDS IN ROBOTICS

Dear readers,

robotics is a particularly complex and heterogeneous discipline. Therefore, standard approaches to asses scientific research are not sufficient. With progress in microprocessor, sensor, actuator and cloud commputing technology, as well as permanent progress of scientific knowledge in the field of Robotics, new trends in development of services, cloud robots and internet of things appear and boost things strongly forward. This challenge is to extend systems engineering methods to deal with open-ended and frequently changing real-world environments.

This thematic issue also concerns with new trends in intelligent robots in light of involving new technologies and use of scientific innovations. In particular, the issue regards to innovations and improvements in design, development and implementation of cloud robotics, wheled mobile and flying robots.

The aim of the thematic issue is to offer researches an opportunity to extend the existing scientific relationship all over the world in the field of intelligent robots including Cloud Robotics, Flying Robots, Internet of Things, Wheled Mobile Robots, Fuzzy Systems and Control Technics.

Let me hope that researches working in various institutions will find common research areas at the thematic issue so that they can co-operate on international projects. The majority of these works focus on Robotics that can be successfully implemented in various areas of developing industries all over the world. Good cooperation between industrial and academic partners can further amplify innovations.

Cordially,

Szeged, 29th January2015

Guest editor

Prof. Gyula Mester