

Robot Drama & Android Drama

(Osaka University/ATR Intelligent Robotics Laboratory)



Photo Grapher: Tatsuo Nanbu

Android Drama : "Sayounara"

For a robot to participate human society, it should be able to make people feel their minds. In this project, we are making "robot/android" drama directed by Prof. Hirata who is the world-wide stage director and scenarist, where humanoid robots or androids play as actors with human actors. It will be connected to building a emotional robot, understanding human recognition of mind, and demonstrating a scene of future society with robots.



Robotics Drama : "Hataraku Watashi"



Robotics Drama : "Mori no Oku"

The robot development based on the scenario

To make the robot having human mind we must know the fitting behavior in the society. But, the daily situation is complicated, at all we don't know the process that people feel the robotics mind. So there are limitations in the development by the only engineer. To these problems, in the Robotics Drama, it is possible to depend on the expression hints of the stage director because the scenario is restricted. We develop the interface operating robots for the drama and make the drama. Through the analysis of the stage contents of drama, we try to make improvements of the interface, study the semi-autonomous control of robots.



The higher humanity than the real human

By using the Android, the robot having the human-like superficials, we make the different drama from the humanoid Robotics Drama. In the Android Drama, we can connect elements to be concerned with the human fascinations such as the superficials, the voice and the behavior by refining them individually and preliminarily. We make sure of if the human feel the higher fascinations than the person's by classifying the elements, refining them and connecting them. Through the analysis of the evaluation to the drama, we try to approach the human fascinations or humanity.