

International Symposium

“Interdisciplinary Approach to Resilient Society: Social Robotics and Informatics”

Organized by Chuo University Research Project Team “Interdisciplinary Approach on Social Implementation of Robotics”

As the second international symposium, Chuo University Research Project Team would like to organize another Italy-Japan bilateral meeting on social implementation of robotics, focusing on social and legal aspects of robotics and informatics, especially for a resilient society.

Italy and Japan share many social issues: both countries face common issues, including ageing-society, low birth rate, shrinking population, and various types of natural disasters; on the other hand, both countries have been keen on promoting high-technology, especially robotics and autonomous mechanics, partly because of those social issues above mentioned, partly because of their quests for technology.

Technological advances require new social as well as legal frameworks which regulate them, since they often do not fit to the existing frameworks, because they are too advanced to be fit into them. They often do not fit even to the new norms created for them, because, they exceed any expectations expressed by the new framework. This is one of the modern challenges we face in the era of continuous technological development, especially in informatics and in robotics.

Chuo University multi-disciplinary team has been working on social, legal, ethical as well as technological aspects of robotics for the last three years and is preparing for the future research.

Japan has been an advanced country in terms of technological developments as well as their industrialization through automation. However, when it comes to legal framework and social rules, it is definitely not the most developed country. Japan has been working hard on security issues, but not necessary on social impacts of technological advancements.

The Chuo Team hopes to discuss many new aspects of social use of robotics and informatics, and to draw some provocative conclusions out of them.