

13 December 2019

The Launch of a Joint Robotics Research Project with Kyoto University

On 11 December 2019, CHIYODA Corporation (“CHIYODA”) announced the launch of a joint robotics research project for plant operation and maintenance with the Department of Mechanical Engineering and Science, Graduate School of Engineering, Kyoto University.

Utilizing its digitalized products such as Plant Digital Twin®, a service product combining artificial intelligence, simulation technologies and 3D model data, CHIYODA aims to realize fully autonomous and optimized plant operation.

Professor Fumitoshi MATSUNO, Kyoto University’s main party in the agreement, has lead academic teams in robotics for many years. The winning of awards at the Robocup 2019 (Sydney, Australia) Rescue Robot League Championship demonstrates his team’s excellence in developing auto-mapping and robot rough terrain technology.

CHIYODA will use his research to improve plant safety and efficiency by developing technologies that will eventually replace humans in daily plant operation and maintenance tasks.

MATSUNO Lab., Kyoto University
Test Run Movie (Matsuno Lab.)

<http://www.mechatronics.me.kyoto-u.ac.jp/>
<https://youtu.be/mBCwzYIsm-w>

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