

**The Development of Highly Radiation-Hardened
Remote Controlled Robot in Nuclear Power Plants**

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要旨

The Research goal at Nuclear Robotics Lab. Is to develop a Highly Radiation-Hardened Robot for nuclear industry applications under the circumstances of limiting direct human access due to high-level of radiation. Tasks involved are video surveillance and inspection of primary equipment, repair of damaged parts, and maintenance of subsidiary units.

Ongoing research is oriented to the development of teleoperated robotic system and its core technology, focusing on the laboratory-based work as well as taking out it to nuclear industry field.

