

# CALL FOR PAPERS

## Journal of Robotics and Mechatronics

### Special Issue on

### “Robotic, Mechatronic and Information Systems for Decommissioning”

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**Focus:** On March 11, 2011, an accident occurred at Fukushima Daiichi Nuclear Power Station (FDNPS) of the Tokyo Electric Power Company Holdings (TEPCO), and radiation levels in the reactor buildings have reached high levels due to the spread of radioactive contamination. Therefore, in order to reduce the risk of radiation exposure to workers during decommissioning work at FDNPS, it has become essential to utilize remote control system based on the technologies and knowledge in the field of robotics and mechatronics. The decommissioning of FDNPS is expected to take 30–40 years, and although 10 years have passed since the accident, there are still many unknowns at FDNPS. In addition, difficult tasks such as of fuel debris retrieval from the Primary Containment Vessel (PCV) await in the future, and the development of technologies to accomplish this is currently underway. Since the experience and knowledge of technological development gained through decommissioning task should be shared widely. This special issue is to collect review, technical papers related to robotic, mechatronic and information systems for decommissioning, and also development reports on remote control technologies used in decommissioning of FDNPS and also the technologies being developed for that. We also welcome a wide range of topics related to decommissioning technology.

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#### **Submission/Contact to:**

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