

CALL FOR PAPERS

Journal of Robotics and Mechatronics Special Issue on “Construction Robot”

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Advanced robot technologies being introduced into the construction industry are helping to provide high-quality structures and service safely, rapidly, and economically following the examples of manufacturing industries. Following Japan’s Great East Japan Earthquake on March 11, similar trends are being seen in disaster response and contributions to global environmental conservation.

In this special issue, we are making a broad call for papers on robot technologies related directly and indirectly to both construction work and new construction manufacturing systems. This call is not only for scientific papers but also for tutorial papers and development reports. These will be reviewed with the emphasis on practicality and novelty.

Keywords:

1. Productivity improvement, integration production, laborsaving, rapid construction
2. Safety improvement, safety equipment, hazardous materials processing, unmanned construction system, remote control, extreme environments
3. Quality improvement, RT and ICT construction, inspection systems
4. Environmental conservation, waste treatment, global warming prevention
5. Maintenance and updating, demolition, renewal
6. Construction environment improvement, noise, vibration, particulate, monitoring

Editor: Yoshitaka Yanagihara (Tokyu Construction Co., Ltd.)

Guest editors: Hiroshi Yoshinada (Komatsu Ltd.),
Fumihiko Inoue (Obayashi Corporation)

Important Dates:

Submission deadline:	April 20, 2012
Notification of acceptance/rejection:	August 20, 2012
Final manuscript submission:	September 20, 2012
Publication:	December 20, 2012

Submission/Contact to:

Yoshitaka Yanagihara, Tokyu Construction Co., Ltd., Japan:
yanagihara.yoshitaka@tokyu-cnst.co.jp

Papers should be submitted in Microsoft Word or PDF format. Details on submission and the journal are available at the following link: <http://www.fujipress.jp/JRM/>

Submissions can be either Japanese or English. Submissions in Japanese will be translated by the publisher and used after being proofread by the author.

Papers submitted to this special issue will undergo our usual review process. Paper may be published in general issues based on review results.