

## OS02 Life cycle and smart engineering

**OS02-01** Real-time intelligent chatter detection for precision milling using CNN model

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**OS02-02** Influence of mist generation by machining process on visibility to control motor drive in built-in mist collector for machine tools

Kosuke Yamamoto, Yuta Noro, Toshiki Hirogaki, Masao Nakagawa and Eiichi Aoyama

DMG MORI co.,LTD.

**OS02-03** Modeling Object-Concepts in Engineers' Thinking under Digital Triplet Framework

Yiming Hou, Shinsuke Kondoh, Yasushi Umeda, Masahiro Nishio and Koji Makino

The University of Tokyo

**OS02-05** Extraction of Knowledge for Plant Inspection based on Behavior Comparison between Experts and Novices

Hiroto Kitamori, Yasushi Umeda, Jun Ota, Hajime Asama, Seiji Kasahara, Naoya Yamato, Hiroyuki Ito, Taizo Daito, Sunao Tamura, Toshiya Kato, Masahiro Korenaga, Akinobu Sasamura and Fumihiko Nonaka

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