Preface

It is our great honor to edit this special issue on advanced manufacturing technology in the Journal of Advanced Mechanical Design, Systems, and Manufacturing. This special issue contains 20 papers presented at the 7th International Conference on Leading Edge Manufacturing in the 21st Century (LEM21), which was held in Matsushima during November 7 - 8, 2013, by the Manufacturing and Machine Tool Division of Japan Society of Mechanical Engineers.

These 20 papers were selected based on the review results among 120 accepted papers in the 7th LEM21 and reviewed again by the general review process of this journal. These papers cover advanced and scientific topics of machining processes, machine tool, control, monitoring and measurement in manufacturing.

Finally we would like to express our sincere gratitude to the authors and the anonymous reviewers for their contributions to this special issue.

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