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 12 papers presented at the 9th International Conference on Leading Edge Manufacturing in the 21st Century (LEM21), which was held in Hiroshima during November 14-17, 2017, by the Manufacturing and Machine Tool Division and the Manufacturing Systems Division of Japan Society of Mechanical Engineers. These 12 papers were selected based on the review results among 159 accepted papers in the 9th 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, manufacturing systems, monitoring and measurement in manufacturing. We sincerely hope these papers encourage further researches on this field, and 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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