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. The International Conference on Leading Edge Manufacturing/Materials and Processing (LEM&P2020) scheduled during June 21-25, 2020 has been canceled to protect the health and wellness of our community from the COVID-19. This special issue contains 14 papers presented as the virtual proceedings of LEM&P2020 by the Manufacturing and Machine Tool Division, Materials and Processing Division, and the Manufacturing Systems Division of Japan Society of Mechanical Engineers. These 14 papers were selected based on the review results among 19 accepted papers in the LEM&P2020 and reviewed again by the general review process of this journal. These papers cover advanced and scientific topics of machining processes, machine tool, control, materials, 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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