Preface

It is our great honor to publish this special issue on “Advanced Production Scheduling” in the Journal of Advanced Mechanical Design, Systems, and Manufacturing. It aims at documenting state-of-the-art research results, new developments and directions for future investigation in the field of advanced production scheduling.

This special issue contains 17 papers, including 14 papers presented at the International Symposium on Scheduling 2017 (ISS 2017), which was held in Nagoya from June 23 to 25, 2017, sponsored by Scheduling Society of Japan (SSJ), and cosponsored by both Nanzan University and Manufacturing Systems Division of the Japan Society of Mechanical Engineers (JSME). The program of this symposium consisted of two keynote speeches, one invited talk and 46 technical papers accepted through the review process of the symposium. All of the papers in this special issue, including those presented at ISS 2017, were reviewed by the general review process of this journal. This special issue covers a wide range of topics on scheduling, planning and design arising in manufacturing, supply chain and other various fields such as agriculture, energy, transportation, restaurants, hospitals and schools.

Finally, we would like to express our deep appreciation to the authors and the anonymous reviewers for their contribution to this special issue.

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