



International Symposium on Imaging, Sensing, and Optical Memory (ISOM' 19), Niigata, Japan

## Preface

Kimihito Saito<sup>1</sup>

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ISOM stands for the “International Symposium on Imaging, Sensing, and Optical Memory”. Topics related to optical fields and applications including optical memories were presented and discussed at the symposium. The first ISOM was held in Tokyo, 1987 and its main topic was optical memories. The latest ISOM was composed of 23 invited papers, 19 oral contributed papers, and 33 contributed poster presentations that occurred over three days of technical sessions. It was success to share and discuss new developments of optical memories, digital holography, sensing and imaging systems, and optical devices/materials/fabrications. Moreover, new topics of computational imaging/display and infrastructure optics were introduced in the special sessions.

This special issue contains a progress review and five selected regular papers which were presented during the symposium. All papers have been reviewed and accepted for publication according to the standard screening process of the Optical Review (OR).

We greatly wish that this special issue will be both interesting and provocative for readers of the journal, and contribute to the advancement of science and technology for future optical technologies and memories.

September 3, 2020.

Publication Committee Chair of ISOM 2019.

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This special issue contains revised papers that were selected from research presented at the 29th ISOM (ISOM' 19) held at the Toki Messe in Niigata, Japan during October 20 to 23, 2019.

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✉ Kimihito Saito  
ksaitoh@ktc.ac.jp

<sup>1</sup> Kindai University Technical College, Nabari 518-0459, Mie, Japan