

## **Message From the Guest Editors- Special Issue With the Papers Selected From ISMOT 2017**

Most of all, we are delighted to present the papers from the ISMOT 2017 which took place in Seoul, Korea. Among 110 papers presented in the symposium, going through three phases of review, **6 papers** were selected and recommended for **Special Issue of IJMOT**. The conference papers were expanded to the format of the journal, while the quality and theme of each of them has not been changed. Since ISMOT and IJMOT deal with the wide range of optics and microwave technologies we are glad to see the recommended papers represent the flagship topics of ISMOT. In the area of active components, two papers from Ernesto Limiti and one paper from Choul-Young Kim which won the best paper awards were contributed. Ernesto Limiti introduces a 50W GaN MMIC power amplifier for S-Band radar systems and GaN LNAs for robust receiving systems in radar and space applications. Choul-Young Kim talks about a 65 nm CMOS 4-Bit phase shifter for Ka-Band which seems aimed at a phased array. Regarding electromagnetic analysis methods for periodic structures with defects, Koki Watanabe presents a Spectral-Domain Analysis of Plane-Wave Scattering by Imperfectly Periodic Array of Circular Cylinders which is a continuation of his pursuit of PBG analysis. Similar to the interest in periodic structures, a metamaterial-based antenna is introduced to maintain good radiation properties and mitigate SAR problems of a wearable device by Sungtek Kahng in ‘A Thin AMC-Combined Loop Antenna Applicable to Wearable Devices’,. Apart from microwave components and electromagnetic analysis approaches, Kyung-Tae Kim suggests Rotational Motion Compensation for Bistatic ISAR Imaging of Non-Uniformly Rotating Targets which will be helpful in giving robustness to target detection. Besides, there were more papers that deserve the TPC and reviewers’ recommendation to IJMOT, but other authors had their own schedule in publication.

Once and for all it is our honor to be the symposium chair and TPC chair of ISMOT 2017 and find quality papers from the conference and the attendees’ expertise areas for publication in IJMOT. Thanks to Prof. Banmali Rawat, we have got to check the importance of the activities in optical and microwave technologies and recognize his efforts to make IJMOT valuable based on the years’ devotion to ISMOT.

Good luck to everyone!

Sincerely, yours

**Wee Sang Park and Sungtek Kahng**

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