

Preface

The second Applied Electromagnetic International Conference (APPEIC 2015) was held in the Krabi southern province of Thailand between 3 and 5 December 2015. APPEIC 2015 was organized by the Malaysia Technical Scientist Association (MALTESAS) in collaboration with Universiti Malaysia Perlis (UNiMAP). The conference focused on current developments related to applied electromagnetics, such as antenna, microwave components, and wave propagation. APPEIC 2015 was able to attract participants from Malaysia, Indonesia, Thailand, Hong Kong, Korea, India, United Kingdom, Philippines, and Egypt.

Two outstanding keynote speeches were presented at APPEIC 2015. The first was delivered by Dr. Mohd Haizal Bin Jamaluddin, Senior Researcher from the well-known Wireless Communication Center (WCC) in Universiti Teknologi Malaysia (UTM). Dr. Haizal presented the latest developments in dielectric resonator antennas (DRAs) for future wireless communication (5G). The second keynote speech was delivered by Associate Prof. Dr. Badrulhisham Ahmad, Chairman of IEEE AP/MTT/EMC Malaysian chapter, who reviewed recent developments concerning the popular topic of metamaterial structures, focusing on split ring resonators (SRR).

This book is a compilation of interesting articles on scientific theories and applications in the field of applied electromagnetics. All selected articles were peer reviewed by experts in applied electromagnetics. The editors wish to express their gratitude to MALTESAS and UNiMAP and to Narujaya Consultant for organizing and supporting this very successful conference.

Ping Jack Soh
Hamzah Asyran Sulaiman
Mohd Azlishah Othman
Mohamad Zoinol Abidin Abd. Aziz
Mohd Fareq Abd Malek

Theory and Applications of Applied Electromagnetics

APPEIC 2015

Soh, P.J.; Sulaiman, H.A.; Othman, M.A.; Abd. Aziz,

M.Z.A.; Abd Malek, M.F. (Eds.)

2016, VIII, 126 p. 100 illus., 81 illus. in color., Hardcover

ISBN: 978-3-319-30116-7