

IEEE AP-S Tokyo Chapter 特別講演 開催のお知らせ

- 日時：2020年1月30日（木）15:00～16:00
- 場所：横浜国立大学 電子情報工学棟(N6-2), 4F 演習室
- 交通アクセス：<https://www.ynu.ac.jp/access/>
- 参加費：参加費無料でどなたでもご参加いただけます。
(aps_tc@ieee-jp.org に参加のご連絡を下さい)

■プログラム：

【タイトル】 Surface Electromagnetics: Physics Exploration and Engineering Applications

【講師】 Prof. Fan Yang (Tsinghua University, China)

【講演概要】

From frequency selective surfaces (FSS) to electromagnetic band-gap (EBG) ground planes, from impedance boundaries to Huygens metasurfaces, novel electromagnetic surfaces have been emerging in both microwaves and optics. Many intriguing phenomena occur on these surfaces, and novel devices and applications have been proposed accordingly, which have created an exciting paradigm in electromagnetics, so called "surface electromagnetics". This seminar will review the development of electromagnetic surfaces, as well as the state-of-the-art concepts and designs. Detailed presentations will be provided on their unique electromagnetic features. Furthermore, a wealth of practical examples will be presented to illustrate promising applications of the surface electromagnetics in microwaves and optics.

【講師ご略歴】

Fan Yang received the B.S. and M.S. degrees from Tsinghua University, and the Ph.D. degree from University of California at Los Angeles. Currently, he is a Professor at Tsinghua University and serves as the Director of the Microwave and Antenna Institute. Prof. Yang's research interests include antennas, surface electromagnetics, computational electromagnetics, and applied electromagnetic systems. He has published six books, seven book chapters, and over 400 journal articles and conference papers. Dr. Yang served as an Associate Editor for IEEE Trans. Antennas Propagation, Associate Editor-in-Chief for Applied Computational Electromagnetics Society (ACES) Journal, and TPC chair of 2014 IEEE AP-S International Symposium. He is an IEEE Fellow and ACES Fellow, as well as an IEEE APS Distinguished Lecturer.

■お問い合わせ先：

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