

## 伝送工学研究会 特別講演会

日時：2020年2月6日（木）15:00-16:30

会場：東北大学青葉山キャンパス 電子情報システム・応物系1号館2階大会議室

題目：Reflectarray Antennas: Theory, Designs, And Applications

講師：Prof. Fan YANG (Tsinghua University)

概要： In recent years, reflectarrays have emerged as the new generation of high gain antennas, which have attracted increasing interest in the antenna community because of their low-profile, low-mass, and low-cost features. The reflectarray antenna is a hybrid design, which combines many favorable features of reflectors and printed arrays and offers many notable advantages over these two classic high-gain antennas. The aim of this seminar is to present a comprehensive overview of reflectarray design and state-of-the-art technology. It will enable attendees to understand the basics of reflectarray systems, become familiar with reflectarray analysis techniques and enabling technologies, and apply this knowledge to designing reflectarrays for diversified applications.

講師紹介：



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.

その他：参加費無料。参加申し込みは不要。

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