

2017 WINTER SCHOOL

IMAGING SCIENCE

JANUARY 9-11, 2017
SONOFELICE, HONGCHEON GUN, GANGWON DO, KOREA

Session 3 : Microwave Tomography A tutorial on microwave imaging technique

The program concerns both the mathematical and engineering concept of microwave imaging technique. This program deals with breast cancer detection, static/differential tomography, hardware and experiments, application of MULTiple Signal Classification (MUSIC) algorithm, and inversion technique Distinguished expert speakers will give some insights and current issues in microwave imaging.

TUTORIALS

Application to the breast cancer detection
Static/Differential Microwave Tomography
Hardware and Experiments of Microwave Imaging
Inversion method: mathematical theory and application

INVITED SPEAKERS

권솔립 (이화여대)
Time-Domain Microwave Imaging for Breast Cancer Detection

김화평 (연세대)
An Introduction to Microwave Imaging - Having Continuous First and Second Derivatives

손성호 (ETRI)
Basics of Static/Differential Microwave Tomography

이광재 (ETRI)
Hardware and Experiments of Microwave Tomographic Imaging

박원광 (국민대)
MUSIC Algorithm for Small Anomaly Detection in Microwave Imaging

ORGANIZER

박원광 (국민대)

HOMEPAGE

한해은 (MEDIVIEWSOFT & 연세대 계산과학공학과)
mediviewsoft.com/winterschool2017

