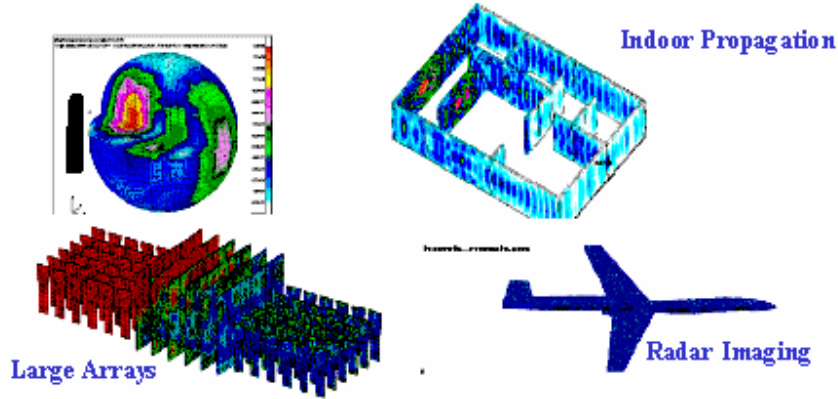


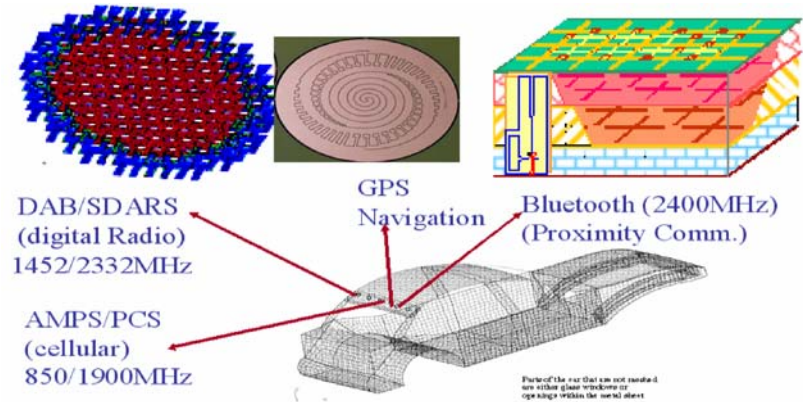
# Professor Volakis' Research Projects Overview-1

## Computational Electromagnetics and Acoustics

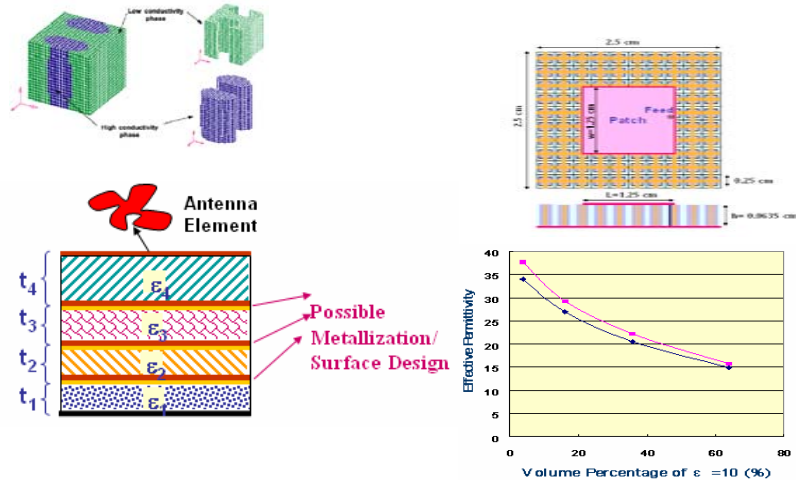
Fast algorithms for EM analysis and design



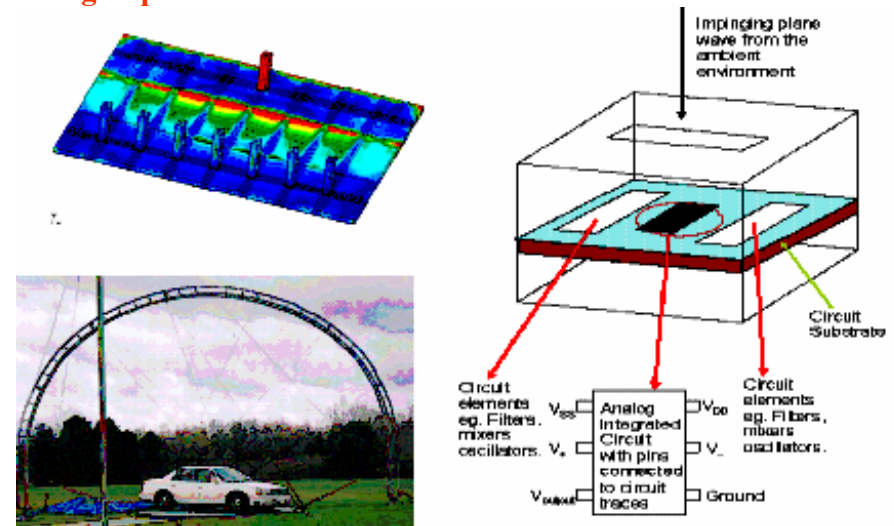
## Antenna Development and Integration for Commercial and DoD Applications



## New Materials Design for RF Applications

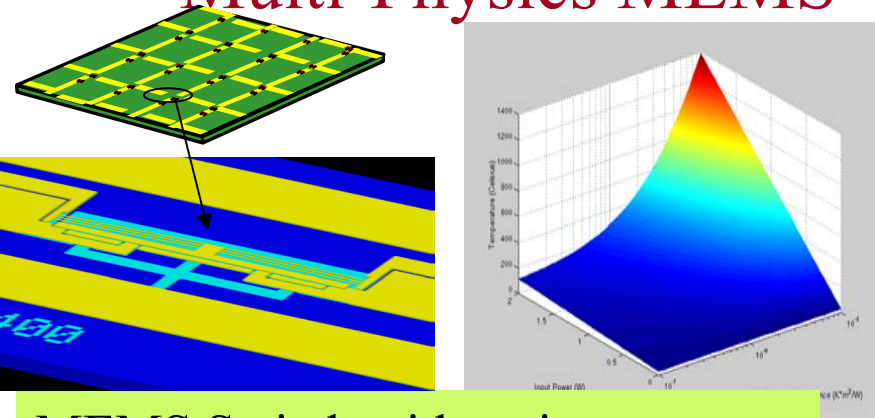


## Electromagnetic Compatibility and Interference in Systems and High Speed Microwave Devices

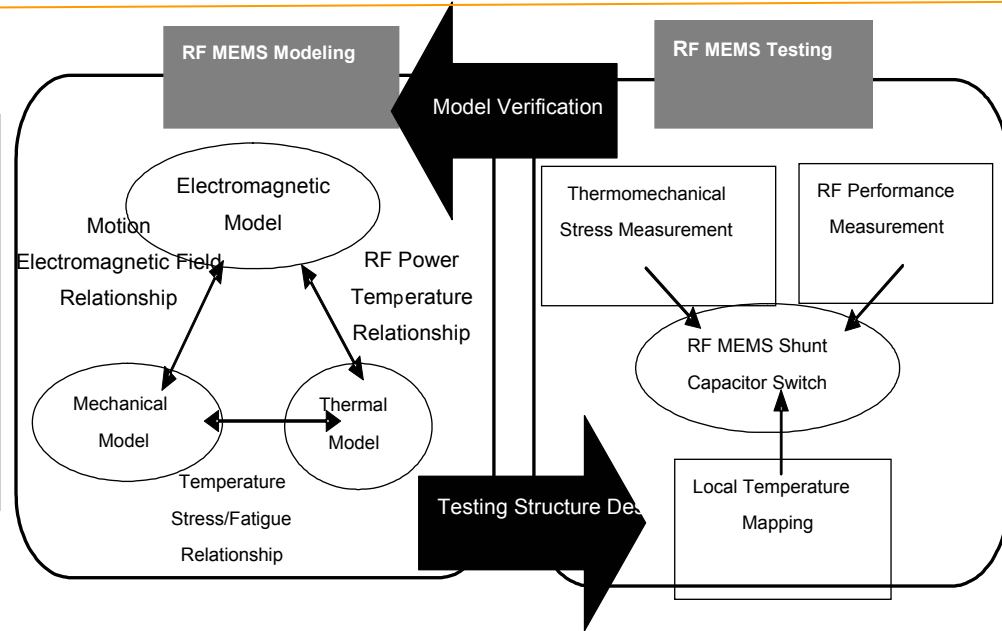


# Professor Volakis' Research Projects Overview-2

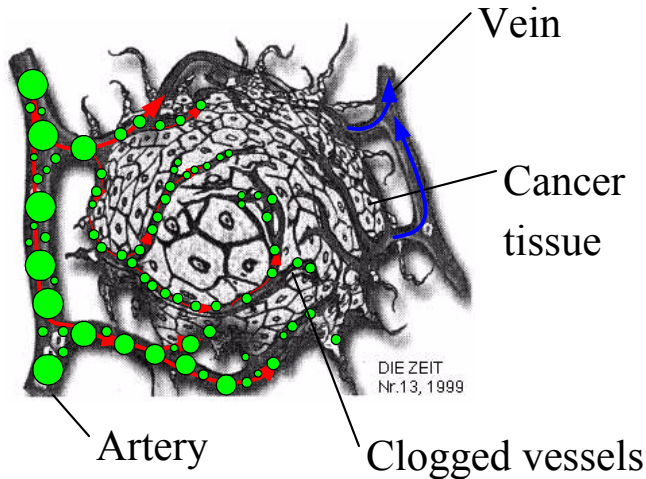
## Multi-Physics MEMS



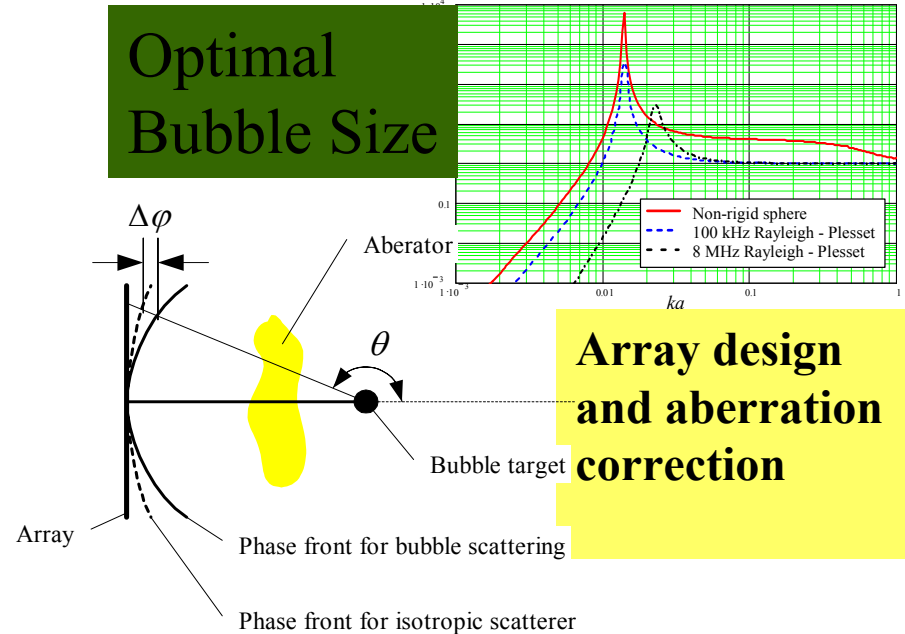
MEMS Switch with active anti-stiction control. Patent Pending



## Microbubbles for Ultrasound Imaging



## Optimal Bubble Size



Array design and aberration correction