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### Emerging RF Research Directions

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News about new technologies and innovative applications are announced every day: autonomous cars, 5G communication systems, and personalized medicine are just examples; and the list keeps increasing. These advanced technologies dramatically alter our life as they impact the way we perform our daily functions. Also, they have significant impact on economy and national security. However, these technological innovations do not develop suddenly. Several years of basic and advanced research followed up with development activities always precede these inventions. However, the pace of moving innovations from the laboratory to the market is increasing and the transition period is becoming shorter.

This talk reviews key current and imminent innovations in the field of RF engineering. Recent trends and future research directions will be discussed.

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