

Einladung zum Vortrag

Bistatic & Multistatic Radar

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Sensors technologies aircraft and ground based are essential to flight. Radar is one such sensor solving locating problems. In recent times monostatic radar has been complemented by bistatic radar, although they have been around since the earliest days of radar. Present interest is high, and many practical systems are now being built and evaluated worldwide. The lecture will cover the fundamentals of bistatic and multistatic radar systems, including the effects of the bistatic geometry, the bistatic radar equation, and pulse chasing. This will be followed by descriptions of various bistatic radar systems and examples of results. Particular emphasis will be placed on passive 'hitchhiking' systems using broadcast and communications signals as illuminating sources, showing how the performance depends on the nature of the signals. The properties of bistatic SAR and multistatic radar networks will also be briefly considered.

Wir freuen uns auf Ihre Teilnahme. Gäste sind herzlich willkommen.

Mit freundlichen Grüßen

Heinz Wipf, IEEE Switzerland

Dr. Jürg Wildi, Präsident SVFW