

# Wireless and Information Technologies

## 2. Measurement Systems



### Antenna and RCS measurements (RF, microwave & millimetre wave)

- Multiple frequency ranges covering a total range from 800 MHz to 95 GHz
- RCS measurements with fixed bistatic illumination scenarios in one plane (2D)
- Defined illumination of receiver systems with CW signals or a variety of application signals from mobile communications and satellite navigation
- OTA measurements with nearly realistic illumination by wave field synthesis
- Installed-performance measurements of cars on a turntable roller-dynamometer
- 3D bistatic RCS measurements in preparation

