

Seminar: Signal Detection and Parameter Estimation



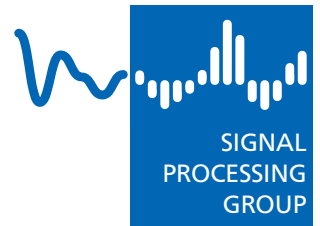
TECHNISCHE
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Announcement
Summer Semester 2024

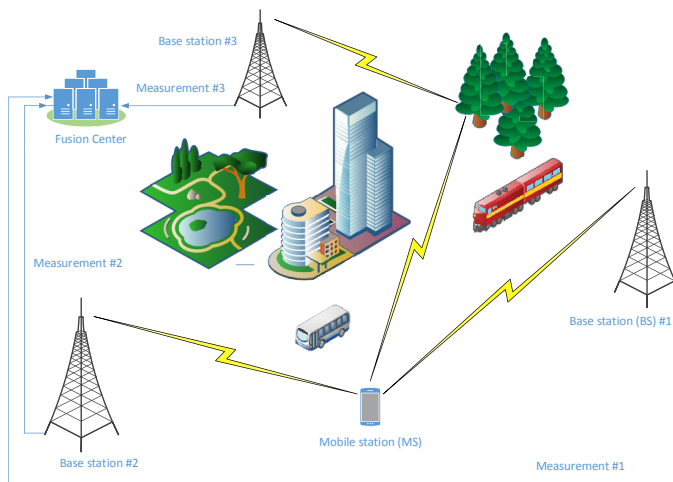
Contents

This seminar extends the signal processing fundamentals taught in DSP towards advanced topics that are the subject of current research. It is aimed at those with an interest in signal processing and a desire to extend their knowledge of signal processing theory in preparation for future project work (e.g. Master thesis) and their working careers.

This semester, the course will focus on fundamental concepts of signal detection and parameter estimation, which is the foundation to numerous advanced applications, such as radar for gait analysis, biomedical signal processing, communications, to mention a few.



Prof. Dr.-Ing. Abdelhak Zoubir



Geolocation of an object (e.g. mobile phone) in real-world environment

Seminar Details

Lecturer	Prof. Dr.-Ing. Abdelhak M. Zoubir
Tutor	Pertami Kunz (pkunz@spg.tu-darmstadt.de)
Schedule	Mondays, 1.30 - 4.05 p.m. (S3 06 249) First Lecture: April 22, 2024, 1.30 p.m.
Credit Points	8 CPs
Material	Provided through moodle.tu-darmstadt.de
Prerequisites	Digital Signal Processing, general interest in signal processing