

INWITE

INWITE - Interdisciplinární výzkum bezdrátových technologií
Laboratoř metalomiky a nanotechnologií, Mendelova univerzita v Brně

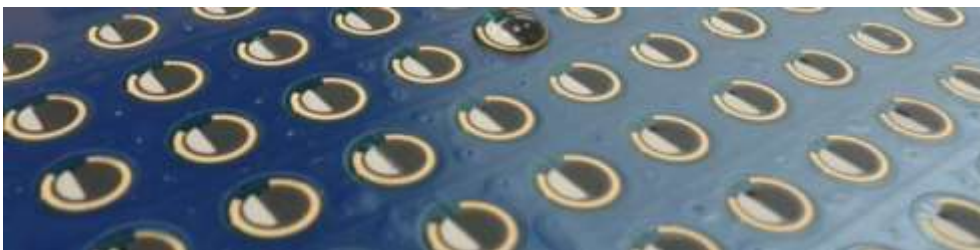
Seminář/Seminar 04/2015

Vás zve na seminář:

Workshop INWITE

Abstrakt

The SIX Research Center was established to support the innovation potential of companies which actively exploit communication, information and sensor technologies in different areas of life. Supporting the quality of life of the aging population (sensing life functions and wireless transmission of information), reducing the danger of terroristic attacks (sensing marks of dangerous substances and wireless warning), controlling traffic using the concept of an intelligent highway (mutual communication among cars and stationary units) or timely diagnosis of nervous diseases using the analysis of speech signals can be given as examples.



The SIX Research Center exploits the background of the university to obtain new knowledge and to create novel solutions by its own fundamental research. New knowledge is subsequently applied to novel products and novel services of partner companies. For example, we researched probabilistic artificial neural networks revealing areas of very strong electromagnetic fields in airplanes which are manufactured from composite materials (the fundamental research was supported by the Czech Science Foundation, and the consequent applied research was performed in the frame of a common project with Evekto Ltd. supported by the Ministry of Industry and Trade).

The SIX Research Center performs the research of technologies to be applied in communication, information and sensor systems in a near future. Hence, The Sixth Sense for Communication Systems of the Future is the motto of the SIX Center.

27. 05. 2015, 13:00 h

Vysoké učení technické v Brně, Technická 12, CZ-616 00 Brno, room T10