

Invited talk

Feather-light context recognition for mobile devices - context recognition research at VTT

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Abstract: Many mobile devices currently have built-in sensor units, such as acceleration sensors and GPS, that provide real-time data gathered from the surroundings of the devices. The mobility of the devices poses several challenges for pattern recognition and decision making algorithms, for example computational and space as well as power resources are usually quite limited. In this talk, I will give a brief outline of the context recognition research at VTT. In particular, I will focus on the decision making challenges in domains with single and multiple context recognizers.