

The mobile measurement system

The mobile measurement system is a research activity focused on developing a robust device for continuous monitoring, collection, evaluation and transmission of signals over the mobile network, which is considered for its flexibility in individual measurements as a universal device usable for a wide range of different measuring tasks. The research tasks are prototypes, specifically pilot deployment of systems for monitoring the condition of bridge structures on several selected objects. The main goal is to find parameters sufficiently sensitive to damage to bridge structures of relatively small extent in order to identify emerging damage to monitored objects at an early stage of their occurrence.

Technology to support the development of systems for identifying damage to line constructions