

# Dependable Networked Control

The Project “Dependable Networked Control” is part of the TU Graz LEAD project “**Dependable Internet of Things in Adverse Environments**”.

Communication between smart items is prone to errors and likely to be corrupted by unpredictable distortions and losses. The topology of feedback loops might change abruptly due to loss of connection between items. These phenomena are inherent to the Internet of Things which motivates the need for innovative robust methods for the design of networked control systems. Our key objective is to answer the question how to provide guarantees on the control performance such as stability and convergence despite harsh environments and physical attacks.

