

PROJECT / Performance and Durability of Future Wireless Sensor Networks

PADU

Main Objective:

Important research questions: how should WSNs be integrated into the Future Internet and what special challenges do they present to designers and implementers, taking into account that all aspects of the design of WSN architecture, communication protocols, and mechanisms must be considered under the viewpoint of the limited energy resources available to sensor nodes.

Moreover, to be able to compare different proposed solutions with respect to the requirements of users and operators, a thorough evaluation of the WSNs performance is needed. Hence, the development of unified methods for the evaluation of WSNs is a very important task that is not addressed sufficiently, yet.

Reference: SJRP PADU, Funding: EU/FP7, Start Date: 01-06-2010

Team: [Joel José Puga Coelho Rodrigues](#), Luís M. Oliveira

Groups: [Network Architectures and Protocols – Cv](#), [Network Architectures and Protocols – Cv](#)

Partners: Fraunhofer, UPASSAU, UPVLC

Local Coordinator: [Joel José Puga Coelho Rodrigues](#)