

# REDUCTION OF LEAKAGE IN WATER DISTRIBUTION

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## *Abstract*

A resolution of water leakage problems is becoming more and more important for water pipelines operators. It saves water and energy and it reduces the need for emergency repair if the system is well maintained.

The cost of detecting leakages by standard methods (for example correlators and ground microphones) is high. By applying the recent achievements in combined modeling and monitoring it is now possible to establish a comprehensive understanding of the leakage pattern in a cost effective way.

The presentation will describe these new techniques and also give a couple of practical examples where the leakage reductions were significant.