

The availability of low-cost cameras and microphones has fostered the development of Wireless Multimedia Sensor Networks (WMSNs), i.e., networks of wirelessly interconnected devices that are able to ubiquitously retrieve multimedia content such as video and audio streams, still images, and scalar sensor data from the environment. Several papers have been published on this topic in recent years. However, there exist still important and urgent open research issues which need to be solved so that these networks can be used in an efficient way. In this brief talk, the state-of-the-art in communication protocols, for wireless multimedia sensor networks is surveyed, and open research issues are discussed in detail.