



Intelligent Distributed Sensor Networks

Technological advances in sensing, communication, and computing technology are increasing the availability of low cost sensor nodes that can be distributed over large geographical areas to collect data, monitor events, and predict evolution of phenomena of interest. Sensor networks present a new fully distributed computation and communication environment with a great potential in a variety of domains from environment, to military, to human safety and rescue. However, to realize this potential there are numerous challenges to overcome. These include the limited processing and power availability. Therefore, the judicious use of resources and the intelligent capitalization on the specific features of the networks and their applications is a must. To accomplish this, distributed processing has been a successful approach. This special track aims at bringing together researchers interested in addressing issues specific to distributed sensor networks.