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Mobile Sensor Networks

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Message from the Guest Editors

Sensor networks are an important technology asset in today's world. We investigate the developments in the mobile sensor networks branch of the said technology. Mobility is a key feature and challenge in contemporary computing. Among other things, mobility is strongly related to the ubiquitous presence and operation of sensor networks. Node mobility is manifested in the vast majority of application domains. Node mobility may be either controlled (e.g., robot mounted) or uncontrolled (e.g., car mounted).

There are two important aspects that need to be taken into account. (A) the reactivity of the sensor network to location changes (seen from the information processing or networking perspectives) and (B) the possible control of the location of nodes in order to better satisfy the requirements of sensor network operation (e.g., maximize sensor network coverage). We, thus, treat the location context as controllable, i.e., can be observed (detected) and tuned (set).
We invite innovative and prototypical contributions to all aspects of sensor network operations in the two study areas indicated above.

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Message from the Editor-in-Chief

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