

The 3th international conference on
Renewable Energies, Power Systems and
Green Inclusive Economy (REPS & GIE-2018)

<http://www.reps-gie.ma/>

Call for Papers

Special session:

Energy optimization and life time of Wireless Sensor Networks

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Wireless sensor networks has recently become an active area of attractive research interest, because of their potential of providing diverse services to broad range of applications, in engineering, critical infrastructure protection and security, health care, environment, energy, food safety and in all areas of life. It consists of low-cost, low power, and energy-constrained sensors responsible for monitoring a physical phenomenon and reporting to sink node where the end user can access and process the data.

In wireless sensor networks energy consumption is the most important key factor for the sensor lifetime and accuracy of information. So, saving energy and therefore extending the wireless sensor network lifetime, involves great challenges.

Therefore, many protocols and mechanisms have been proposed for energy optimization considering various communication factors and types of applications.

This special session aims to answer the question presented above by soliciting both academic and industrial research contributions in relation with those topics of interest include, but not limited to:

- Power Management and Battery technology
- Power sources in sensor networks
- Network Topologies and deployment
- Wireless Network Protocols
- Distributed networked sensing

- Wireless Sensor Communications
- MAC and Routing Protocols
- Cross-layer Design
- Energy harvesting in sensor networks
- Sensor and data processing.
- Green Sensor Networks
- Cognitive radio WSN
- Large scale WSN
- Low power design

Authors are invited to submit papers in the above or related technical areas. Accepted papers will be included in formal Proceedings to be published by the IEEE. Papers must be submitted electronically following the instructions provided at the symposium web site (<https://edas.info/N24329>). Papers should be in the standard IEEE conferences double-column format. Accepted, regular papers will be allowed five pages in the IEEE proceedings of REPS-GIE 2018

Important Dates:

*Research Paper Submissions: **February 15, 2018***

*Notification of acceptance: **March 15, 2018***

*Conference date: **April 23-24, 2018***

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