

# FIRST WEST AFRICAN WORKSHOP ON WIRELESS SENSOR NETWORKS WITH APPLICATIONS IN ENVIRONMENT MONITORING

University of Ghana, Legon — December 5-8, 2011



The International Centre for Theoretical Physics (ICTP) and the Association of African Universities (AAU) in collaboration with the University of Cape Town (UCT) and the University of Ghana, Legon (UG) organize a four days workshop on Wireless Sensor Networks (WSN) on 5–8 December 2011 in Accra, at the University of Ghana, Legon. The workshop will provide a forum for the participants to interact, discuss and exchange their knowledge with the experts working in the field of Wireless sensor networks. The activity will enable the delegates to gain knowledge on the advancements in the related fields and build and environmental wireless sensor network in their countries.

The workshop is designed to impart skills and knowledge on applying technological approaches in wireless sensor networks through expert lectures and demonstration of case studies. Topics covered will include WSN overview and Rapid WSN based application development. A variety of applications of varying complexity need to be developed quickly and efficiently using Wireless Sensor Networks for many domains. This workshop will introduce open source software and hardware Wasp mote devices by Libelium and also demonstrate their use in the rapid development of applications related to environment and climate change monitoring.

**Applications:** Academicians, practicing engineers, research scholars and enthusiastic students from all African countries may attend the activity. As it will be conducted in English, participants must have an adequate working knowledge of this language. Preference will be given to candidates who have theoretical background in wireless sensor networking and who want to get practical knowledge of the technology.

There is no registration fee for attending the activity. However, due to limited funding, only lunches and coffee breaks will be provided. Participants should seek support from their institutions to cover travel, lodging and other expenses.

Due to space limitation, the number of participants is limited to twenty.

## Sponsors



## Organizers:

Dr. Boubakar Barry (AAU)

Dr. Emmanuel K. Owusu-Oware (UG)

Dr. Antoine Bagula (UCT)

Dr. Marco Zennaro (ICTP)

## Contact:

Dr. Boubakar Barry

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## Deadline:

Applications (CV and max. 1-page motivation letter) should be sent by:

November 1st, 2011.

Applications should be sent to:

Dr. Boubakar Barry — barry@aau.org