

# CALL FOR PAPERS

## MEDHOCNET 2012

11th Annual Mediterranean Ad Hoc Networking Workshop

<http://medhocnet2012.cs.ucy.ac.cy>

June 19-22, 2012, Ayia Napa, Cyprus

### Important dates:

#### **Paper Submission deadline:**

March 5, 2012

#### **Acceptance Notification:**

April 16, 2012

#### **Camera Ready Paper:**

May 1, 2012

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Wireless ad hoc networks have attracted the attention of the research community in the last several years, mostly because of the growing interest in a connected world, where people are – virtually – omnipresent. Next generation wireless networks, heterogeneous access technologies, ad-hoc and sensor networks, and new Internet technologies are part of this pervasive environment.

MED-HOC-NET 2012, as its previous 10 predecessors focuses on communication networking research, especially on new issues in Wireless Ad-Hoc Networks, which include Application Scenarios, Data-centric Operation, Autonomous Organization, Optimization and Control, Operation under Intermittent Connectivity, and Service Creation and Support. The scope of the workshop also includes new and exciting challenges in wireless mesh networks, sensor networks, vehicular networks, delay tolerant and opportunistic networks, and the opportunities provided or stemming from the social networks paradigm.

As a major annual international workshop, the 11<sup>th</sup> MED-HOC-NET aims to serve as a platform for researchers and visionaries from the academia, the research laboratories, and the industry to present their latest work.

Following recent successful conferences in Sicily (2006), Corfu (2007), Palma de Mallorca (2008), Haifa (2009), Juan-les-pins (2010), and Favignana Island (2011), Med-Hoc-Net 2012 will take place in Ayia Napa (CYPRUS).

Areas of interest include, but are not limited to:

- Routing algorithms and protocols
- MAC protocols, scheduling, power control, and resource allocation
- Transport layer protocols for multi-hop networks
- Middleware for ad hoc networks
- Application driven architectures and protocols
- Sensor network applications and protocols
- Vehicular networks
- Cognitive radio networks
- Integration of ad hoc networks with wireless access networks
- Implementations, testbeds, and prototypes
- Technology related issues (IEEE 802.11, Bluetooth, ZigBee, IEEE 802.16, etc.)
- Self-organization and network (re)configuration
- Optimization models and algorithms
- Resource and service discovery
- Energy-efficient networking
- Exploitation of social and mobility patterns for opportunistic networking
- Mobile social networks
- Security and privacy
- Positioning and localization
- Participatory and urban sensing
- Underwater wireless networks
- Green networking

### **Paper Submission**

Submitted papers must represent original material that is not currently under review in any other conference or journal, and has not been previously published. All submissions should be written in English with a minimum paper length of six (6) and maximum of eight (8) printed pages (in Two-Column [IEEE Conference Format](#)), including text, figures, and references. Papers should be submitted through EDAS at <http://edas.info/N11539>