

## Highlights

### Teaming for Excellence



The KIOS Research Center at the University of Cyprus and Imperial College London have completed the Phase 1 of a TEAMING project that included the preparation of a long-term business plan, and submitted the Phase 2 proposal aimed at upgrading KIOS to a world class Center of Excellence.

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### ERC Panel Chair appointment by the European Research Council for KIOS Director



Professor Marios Polycarpou, Director of the KIOS Research Center, was appointed Chair of an Evaluation Panel for the ERC Advanced Grants granted to exceptional research leaders. He chaired a 15-member evaluation panel which met twice in 2015 and 2016 in Brussels to select the recipients of this year's ERC Advanced Grants in the area of Electrical and Computer Engineering.

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## News and Updates



### New Collaborations of the KIOS Research Center

The KIOS Research Center has cultivated positive working relations with international companies and public service authorities responsible for the management of critical infrastructures and related services. These collaborations have concentrated on specific research needs of various critical infrastructure sectors, as well as towards emerging related research fields. Many of these collaborations have resulted in agreements in the form of Memorandums of Understanding (MoUs).

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### KIOS Develops Civil Protection Technology for Civil Defence

Amongst the European Union funding programmes are specialist programmes that are designed to support very specific strategic priorities of the Union. One such programme focuses on supporting efforts of EU member states and other partner countries in the areas of prevention and preparedness in civil protection and marine pollution, as well as in encouraging a common European approach in implementing related measures. The KIOS Research Center is coordinating one such innovative research project, entitled PREDICATE. The project aims at enhancing the disaster prevention capabilities of civil protection.

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## **Projects for Euro-Mediterranean Cooperation funded by ERANET-MED**

KIOS is coordinating two new projects funded by the programme ERANETMED. The programme aims to build “sustainable” Euro-Mediterranean cooperation to help tackle common socio-economic challenges faced by the region. The programme utilizes EU FP7 funding to facilitate joint research and innovation projects that can help tackle research challenges specific to the Mediterranean region. The two projects focus on energy efficiency and involve the development of new smart grid technology that can help create efficient approaches for managing the way power is distributed and utilized, and ultimately help to cope with the problem of ever growing worldwide energy consumption.

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## **Career Development for Researchers through EU funded Marie Skłodowska-Curie Actions**

A new project, “Advancing the state of the art of MIMO: The key to the successful evolution of wireless networks” (ATOM), has begun at the KIOS Research Center offering unique opportunities for researchers to participate in short-term exchanges in order to help them achieve scientific excellence through exposure to other countries and sectors. The project is funded by the EU’s Marie Skłodowska-Curie action Research and Innovation Staff Exchange (RISE).

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## **Award Winning Technology for Intelligent Transportation Networks**

A team from the KIOS Research Center for Intelligent Systems and Networks has won 2nd place at the international competition organized by the Autonomic Road Transport Support Systems COST Action, aiming at increasing the resilience of road traffic support systems by the use of autonomies. The competition, which was co-located with the 22nd ITS (Intelligent Transportation Systems) World Congress, was conducted in Bordeaux, France, in October 2015. Eight research teams from European universities were selected to compete at the final stage of the competition, where they presented and demonstrated the autonomic systems they developed.

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## **Open Source Technology at KIOS**



### **Award Winning Open Source Technology available for Download**

The “ProximAid” smart phone application developed by researchers at the KIOS Research Center has been tagged as communication technology that can change the world. The technology ProximAid was ranked among the top 9 projects from a total of 50 submitted in the IEEE ComSoc International Student Competition “Communications Technology Changing the World”. Konstandinos Koumidis, a researcher at KIOS and a post-graduate student at the Department of Electrical and Computer Engineering of the University of Cyprus.

[Read more....](#)

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