

Highlights



Funding for five new research programs at the KIOS Research Center

The KIOS Research Center for Intelligent Systems and Networks at the University of Cyprus continues to attract considerable funding with the aim of promoting research and innovation. In recent months, the KIOS Research Center has been awarded 5 new research grants, totaling more than 1.3 million Euro for the University of Cyprus. This funding will be used to support the employment of a significant number of talented young researchers

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News And Announcements



Leading Medical Electronics company funds innovative research at KIOS

The Austrian company MED-EL (Medical-Electronics), a leading manufacturer of implantable hearing devices, is providing funds to the KIOS Research Center to assist in the development of innovative inertial sensors. The Holistic Electronics Research Lab at the KIOS Research Center is developing an innovative angular-rate sensor for an implantable prosthesis, specifically targeting the restoration of vestibular (balance) function.

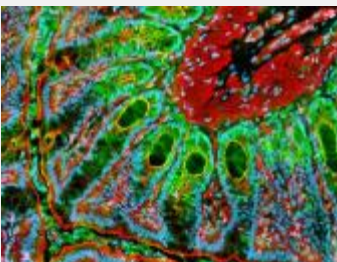
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Working towards the improved safety and protection of citizens

The KIOS Research Center is one of 12 partners participating in an important Network of Excellence for civil security. The Network is funded by the European Union's 7th Framework Programme for a total of 6.5 million euro. CIPRNet (Critical Infrastructure Preparedness and Resilience Research Network) represents a large Network of Excellence established to improve the resilience of Critical Infrastructures, an important global civil security concern.

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New research project in multi-potent theranostic molecules targeting colorectal cancer

A new project is underway for improved management of colorectal cancer and potentially other malignancies whose cells express specific molecules which belong to the epidermal growth factor family of receptors (EGFR). This research project combines the expertise of various fields to develop a novel group of pharmaceuticals which have both therapeutic and diagnostic qualities.

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Control and Adaptation Workshop: A 30-Year Journey

The KIOS Research Center has honored the 60th birthday of Professor Petros Ioannou by co-organizing on the 24th June 2013 the workshop "Control and Adaptation: A 30-Year Journey". The idea behind the adaptive control is to provide a control method able to adapt to a controlled system with parameters which vary, or are initially uncertain. The adaptive control field has grown to be one of the most well-established in terms of algorithms, design techniques and analytical tools.

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Exchanging ideas, sharing results at the 3rd KIOS Workshop

The KIOS Research Center welcomed leading experts and pioneers at its 3rd annual Workshop that was held at the University of Cyprus on the 25th June 2013. The workshop is organized annually to enable interaction between research teams and promote information exchange and multidisciplinary collaboration. It was also an opportunity for researchers to benefit from the expertise and know-how of experts in fields relevant to the KIOS Research Center and its collaborators.

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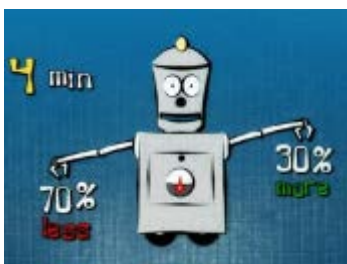
Outstanding students earn a place at the KIOS Undergraduate Research Opportunities Program – Summer 2013

Every year, during the summer, the KIOS Research Center runs the Undergraduate Research Opportunities Program (UROP). The program's aim is to encourage young people (undergraduate students from Cyprus and abroad) to participate in real research projects, to nurture the skills, experience, and confidence required for such an endeavor, and encourage a culture of science and innovation among the brightest of students.

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Instructional Demonstrations at KIOS

Boiling an egg can teach you Fuzzy Logic!



Dr. Demetrios Eliades, Post-Doctoral Researcher at the KIOS Researcher Center of the University of Cyprus and the company Zedem Media produced an award-winning video entitled "An Egg Boiling Fuzzy Logic Robot", that successfully uses animation to explain Fuzzy Logic and the applications of this methodology to everyday life.

This video was awarded the First Prize in an international competition for an on-line educational video sponsored by the Computational Intelligence Society, one of the key societies of IEEE.

"An Egg Boiling Fuzzy Logic Robot" can be accessed on line by clicking [here...](#)

Contact Information:

KIOS Research Center for Intelligent Systems and Networks
University of Cyprus
P.O.Box 20537, 1678 Nicosia, Cyprus

Tel: +357 22893450/51
Email: kios@ucy.ac.cy
Web: <http://www.kios.ucy.ac.cy/>

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