



UCy KIOS researcher wins IEEE award

Markos Asprou, a Ph.D. student at the University of Cyprus and a researcher at the KIOS Research Center for Intelligent Systems and Networks, has received an international award which, the Graduate Fellowship given by the Instrumentation and Measurement Society (<http://ieee-ims.org/>) of the Institute of Electrical and Electronics Engineers (IEEE).

The selection process for this award is competitive, with large numbers of applications from around the world.

This year, the award was given to three candidates – Markos Asprou and two from the US.

The award includes a grant of 15,000 dollars to undertake research in the area of Instrumentation and Measurement. This is a significant recognition of the quality and level of research being undertaken by Markos Asprou at the KIOS



Research Center. In his research proposal, Asprou focused on the optimisation of electric power systems and the improvement of their performance through better monitoring systems.

The award will support research to develop a concrete and robust methodology for identifying and estimating the erroneous transmission line parameters that are stored in the database of the control centers of electric utilities. The errors in the line parameters may be due to obsolete databases, inaccurate data, or

changes in the properties of the lines after repairs.

This is an important research area with the potential to improve the effectiveness and efficiency of power distribution systems, avoiding unnecessary failures, as well as potentially reducing electricity costs for consumers.