Researcher Position in Neural Computation/Accelerated Computing

A full-time research position is open in the research group of Julius Georgiou (http://www.ece.ucy.ac.cy/labs/holistic_elab) in context of the focused project "Acoustic Scene Analysis for Detecting Living Entities" (SCANDLE), funded by the European Commission within the 7th Framework Program "Cognitive Systems, Interaction Robotics". A description of the project can be found at this webpage http://www.scandle.eu. The position will be available from the 1st of January 2011 and will continue until March 2012. This is a full-time appointment. Salary is commensurate with experience. Remuneration is based on an hourly rate, which depends on qualifications and ranges between €14 to €20 per hour. The position does not include a "13th Salary" bonus or medical insurance.

The researcher is expected to conduct research work under the direct supervision of Dr. Georgiou and Prof Andreas Andreou and to collaborate closely with Prof Sue Denham and her team. More specifically the candidate will work on implementing computational models of auditory perception on FPGA based Neural Arrays that process information gathered from acoustic scenes.

The applicant must have a Ph.D. degree in Cognitive Sciences, Neuroscience, Computer Science, or Engineering and must be familiar with computational modeling of neural processes. The applicant must have excellent computer skills in the C programming language and in Matlab programming. Basic experience with programming FPGAs is also required. He/she should be competent in English, since this position requires frequent communications with other consortium members.

Further enquiries can be directed to Dr. Julius Georgiou (julio@ucy.ac.cy)

Applicants should send a Cover Letter and a full CV (either in Greek or English) in PDF files by the 21st of December 2010 to Dr. Julius Georgiou (julio@ucy.ac.cy)