RESEARCH SCHOLARSHIP (RS)

Number of Vacancies: 1
Available at
Faculty of Information and Communication Technology (FICT), Universiti Tunku Abdul Rahman (UTAR)
Perak Campus, Perak

Project Title
Detection and tracking of marine species (Norway lobster) in deep-sea underwater video sequences.

Project Leader
Lau Phooi Yee (laupy@utar.edu.my),
Department of Computer and Communication Technology,
Faculty of Information and Communication Technology (FICT), UTAR Perak Campus.

Objective
To involve in the continuous algorithm improvement of a computer-aided system for deep-sea underwater monitoring.

Scope of Work

• To evaluate the existing algorithm to analyze, classify, and track low quality seabed video sequences for marine species (extending beyond Norway lobster) identification and quantification;
• To recommend improvement on the existing algorithm;
• To develop and evaluate an improved algorithm for marine species (extending beyond Norway lobster) identification and quantification;
• To compare and report the experimental results

Job Description

• Remuneration of 2000 per month for 12 months
• The RS holder must help the project leader in all works associated with the research.
• The RS holder should register for Master Degree by research program (MCompSc) with UTAR

Requirements

• Passionate in computer programming, especially in C++
• Strong interest and/or has working experience in image processing / pattern recognition project
• Good English written and verbal communication
• Good analytical skills
• Self-motivated, requires minimal supervision, resourceful and willing to learn
• Available to start working immediately.

If you are interested in the RS advertised above, please email your CV directly to Lau Phooi Yee (laupy@utar.edu.my) as soon as possible.

Only short-listed candidates will be called for interview.