



## Final project proposal

<b>Type</b>	Undergraduate
<b>Title</b>	<i>Embedded Systems Optimization Techniques</i>
<b>Supervisor</b>	Vladimir Trajkovik
<b>e-mail</b>	<a href="mailto:trvlado@finki.ukim.mk">trvlado@finki.ukim.mk</a>
<b>Department / Group</b>	
Pervasive applications Group (Laboratory for Multimedia and Pervasive applications)	
<b>Topic(s)</b>	
Embedded Systems Design	
<b>Project can start from</b>	01.04.2014
<b>Project duration</b>	4 months
<b>Short description</b>	
The candidate will need to demonstrate optimization technique deployed on specific embedded system component provided by the lab. Optimization technique might consider code density, battery duration, or computing response. The project will be individual, support in form of co-mentoring from industry (Seavus embedded systems department will be included).	
<b>Results and assessment</b>	
Written report 30%, Presentation 20%, Prototype 50%	
<b>Other (additional) information</b>	
Candidate should have knowledge of c programming languages	