





TITLE	Swimming Robot
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**SHORT DESCRIPTION**

Objective	Design, develop and implement of a biologically inspired swimming robot
Requirements	<ul style="list-style-type: none"> <li>– Reuse existing components or use low cost hardware solutions;</li> <li>– Use of open source and freeware software;</li> <li>– Power autonomy of 12 h;</li> <li>– Adopt the International System of Units (<a href="#">NIST International Guide for the use of the International System of Units</a>);</li> <li>– Be compliant with the Machines Directive (<a href="#">MD</a>), Low Voltage Directive (<a href="#">LVD</a>) and Restriction of the use of certain Hazardous Substances (<a href="#">RoHS</a>) Directive.</li> </ul>

**RELEVANT DATA**

Maximum budget: 500,00 €

**RESOURCES**

ACADEMIC SUPERVISORS	Abel José Duarte (AJD), Fernando Ferreira (FJF), Benedita Malheiro (MBM), Maria Cristina Ribeiro (MCR), Manuel Silva (MSS) Pedro Barbosa Guedes (PBG), Paulo Ferreira (PDF)
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CLIENT	ITSector + ISEP, LSA, Manuel Silva (MSS)
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EUROPEAN PROJECT SEMESTER – EPS@ISEP  
PROJECT DESCRIPTION

**Project:** P04  
**Semester:** Spring 2014

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