



Intensive programme  
on robotic systems



## Certificate

This certify that

*Kathia Pitti*

has successfully participated in the international project entitled "**Robotic Systems**" that has been held at Polytechnic Institute of Bragança, Portugal, from 8/07/2013 to 19/07/2013 in agreement with the dispositions of the Erasmus/Intensive Programme. The programme is coordinated by Polytechnic Institute of Bragança in cooperation with 5 European Institutions and assigns 6 ECTS (60 teaching hours in a total of 162 workload hours). The student has a final mark of 16/20.

Prof. Dr. Paulo Jorge Pinto Leitão  
IP on Robotic System Coordinator

Prof. Dr. Luís Manuel Santos Pais  
Lifelong Learning Programme Coordinator



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## **Robotic Systems (ISCED code: Electronics and automation - 523)**

This intensive programme has the following study courses:

Module 1: Introduction to robotics

Module 2: Industrial robotics

Module 3: Autonomous mobile robotics

Module 4: Image processing and artificial intelligence in robotics

Module 5: Medical robotics

Module 6: Robot as Service Provider in an Industrial System-of-Systems Infrastructure

Module 7: Entrepreneurship

Evaluation (written test about the topics of all previous modules)

Field work: visit to a plant exhibiting robotic systems