

Visitor Exchange Report

Bruno Miguel Brás Cabral, Pittsburgh, April 21st 2011

Objectives

- A) The main objective of this period at CMU was to obtain the core competences necessary to integrate the faculty body of the CMU/UC MSE program.
- B) A secondary objective was to follow and contribute to the research work being done at CMU in respect to the AEminium Project and to integrate the local research group. AEminium is a joint project between CMU, the University of Coimbra, and the University of Madeira. This project is funded by the CMU|Portugal program.

Activities

The activities reported here were carried out during the following period of time: January 7th 2011 to May 9th 2011.

The following activities were conducted in order to fulfill objective A):

- Act as Teaching Assistant (TA) on the following MSE courses: 1) Analysis of Software Artifacts; 2) Seminar in Software Process.
 - The TA role involved the following activities:
 - Realization of 5 lectures
 - Preparing materials for students
 - Attending all lectures
 - Grading homework assignments and exams
 - Providing feedback and help to students
 - Participating in the course faculty meetings
- Acting as Mentor to Studio project teams and individual students
 - Activities:
 - Participate in team/individual advising meetings
 - Providing feedback to Studio teams on Middle of Semester Presentations and End of Semester Presentations
- Other Activities:
 - Participating in the UC-MSE and UC-MSIT Admissions process
 - Attend Admissions meetings for MSE
 - Attend MSE Staff meetings and ISR Faculty meetings
 - Learning how to run Independent Studies

The following activities were conducted in order to fulfill objective B):

- Participation in weekly project meetings
- Advising graduate students in project related work
- Acting as reviewer for scientific articles
- Writing and submission of an article to OOPSLA 2011. Preparation of the work to be reported on 2 future articles
- Participation in the local research group weekly meetings
- Attend weekly research students' presentations

Activities outside the scope of objectives A) and B):

- Establishing contacts with the Software Engineering Institute in order to introduce the newly born Institute for Software Engineering of the University of Coimbra.

Results

This exchange period was extremely challenging and rewarding at both professional and personal levels. I believe that all the proposed objectives were accomplished and even exceeded.

I would like to thank the CMU | Portugal program for this worthwhile experience and assure that I have done everything to be worthy of the trust placed in me.