

# Travel Report

Project PCVIA

17th October, 2007

## Travel Details

### Destination

WAPL'2007 Workshop,  
Wisla, Polónia

### Date

15th October - 17th October, 2007

### Visitors

Pedro Henriques / UM (Portugal)  
Maria João Varanda / IPB (Portugal)

### Travel Purpose

The main purpose for this visit was to attend the workshop WAPL'07, as authors (paper and poster), as regular participants, and as members of the Program Committee.

### Financial Support / Grant

This visit was supported by:

- PCVIA, a FCT supported research project under contract POSC/EIA/57662/2004

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## Aims & Objectives

The specific objectives for this travel were:

- To participate in WAPL'07, the "Workshop on Advanced Programming Languages", a satellite event of IMCSIT, the "International Multiconference on Computer Science and Information Technology";
- to present the paper *Pattern-based Program Visualization*;
- to present the poster *Slicing wxHaskell to extract Interface Abstract Model*;
- to participate in the *Program Committee meeting* in order to chose the best papers and to decide the future of the workshop;
- to follow up our bilateral cooperation agreement with Slovenian team led by Prof. Marjan Mernik, and search for new contacts.

## Achievements

All the objectives listed above, were achieved:

- We have attended the workshop WAPL'07 whose papers/posters covered the following subjects: DSL compilers (to generate SQL from DB-model specification, or to generate code of a virtual machine from an electronic devices programming language); adaptive compilers for language improvement; attribute grammars, program animation and compiler-compiler tools; code generation and optimization; object-oriented languages and programming approaches; code slicing, and program proofs; etc. The talks were well focused and clear and the workshop was very successful with long, fruitful, and very participated discussions.
- We have presented our paper and several interesting questions were answered. The poster was also exhibited and introduced, and some people asked for more detailed explanations.
- Concerning the *Program Committee meeting*, we have decided to invite all the authors of the presented papers to submit an extended version to a journal. We also decided to continue organizing this workshop as

a satellite event of a bigger conference. Probably, next year, WAPL will stay as part of IMCSIT.

- We had fruitful discussions with other members of the program committee, exploring our common interests and finding some ideas for future collaboration projects.