Message from the Program Co-chairs

This volume comprises the proceeding of the 15th Panhellenic Conference on Informatics with international participation (PCI 2011) which was held 30 September to 2 October 2011 in Kastoria, Greece. A total of 108 high quality research papers were submitted in different areas of computer science. Following a strict and thorough peer review process, 70 papers were finally selected to be included in the current proceedings. We would like to thank the program committee members for their time and efforts to provide helpful and productive comments to all submitted papers. Their valuable feedback facilitated significantly the work of the program committee for the final selection of papers to be included in the proceedings.

Additionally, we are grateful to the organizers of special sessions that have addressed interesting research subjects. Five special sessions were included in the program: Free and Open Source Software (F/OSS) organized by Dr. Ioannis Stamelos and Dr Konstantinos G. Margaritis; Mobile Device Software Development (MDSD) organized by Dr. Nikitas N. Karanikolas and Dr. Ioannis Voyiatzis; Performance analysis of Computer Networks (PaCoNet) organized by Dr. Vasileios Vitsas and Dr. Periklis Chatzimisios; Quality in Educational Technologies (QET) organized by Dr. Michalis Xenos and Dr. Kiriakos Patriarcheas; and Real-World-Internet Special Session (RWI) organized by Dr. Panayotis Kikiras and Dr. Ioannis Chatzigiannakis.

The technical program includes interesting papers covering most fields of computer science, which have been classified to the following sessions:

- Information systems
- Databases and data mining
- Education Technologies
- Algorithms and Data Structures
- Networking
- Open Source Software
- Multimedia Services
- e-services: Empirical studies
- Information Retrieval
- Numerical and Scientific Computations
- Human-Computer Interaction
- Mobile Device Software Development
- Quality in Education Technologies
- Real-World-Internet

We hope that the technical sessions were stimulating and informative while offering you the opportunity to meet and share new ideas, approaches and methodologies. Finally, we would like to thank you for contributing to the success of PCI 2011.

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