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PHISE'06
SECOND INTERNATIONAL WORKSHOP ON PHILOSOPHICAL FOUNDATIONS ON INFORMATION SYSTEMS ENGINEERING

Workshop at

CAiSE'06

The 18th Conference on
Advanced Information Systems Engineering
Luxembourg, 5–9 June, 2006

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Preface

This book collects the works presented in PHISE'06, Second International Workshop on Philosophical Foundations on Information Systems Engineering held, in conjunction with the 18th Conference on Advanced Information System Engineering (CAiSE'06), on 5th. June, 2006 in Luxembourg. Due to Empirical and Formal Sciences are more ancient than Engineering Sciences they have their own branch of philosophy, the Philosophy of Science. Unfortunately, Engineering Sciences have not fully developed a philosophical branch working towards conceptual clarity. The study of the Philosophical Foundations of Informatics has been mainly tackled by experts coming from the field of Artificial Intelligence (in areas such as Logic, etc.). More recently, it has arisen an important philosophical movement in the IS community and more specifically in areas such as Software Engineering or Information Systems Engineering, resulting in the holding of International Conferences and workshops to close this gap. This workshop tries to cover different aspects related to philosophical foundations of the research in Software Engineering applied to Information System development. PHISE aims to promote an interdisciplinary forum as a result of the confluence of three disciplines: Philosophy of Sciences and Technology, Software Engineering and Information Systems. All the papers received have been reviewed by, at least, three members of the International Program Committee. As a result of the review process 8 works were accepted as regular papers. Moreover, we have also heard Dr. Pere Botella from the Software Department of the Universitat Politècnica de Catalunya presenting the invited lecture: "Information Systems Engineering Research: are we in the right path? ". With the collaboration of all the people that have contributed to the success of the workshop on its second edition, PHISE has consolidated as one of the reference forum on Philosophical Foundations of Information Systems Engineering and the perfect discussion forum for researchers coming from the Software Engineering, Information Systems and Philosophy of Sciences areas to share and compare their knowledge and opinions. The quality of the works presented as well as the interest of the debates organized around them, confirms the need for this kind of events and feed our intention of keep on working in this direction with the holding of new editions of PHISE workshop. We would like to thank all the participants in the Workshop and specially Dr. P. Botella for his exciting lecture as well as the Program Committee members for their effort in the selection of the papers. In closing, we would specially thanks to the Spanish Ministry of Education and Science (TIC2002-12378-E) too, as well as the Rey Juan Carlos University for their financial support.

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June 2006
Esperanza Marcos
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