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Advanced Distributed Systems

5th International School and Symposium, ISSADS 2005
Guadalajara, Mexico, January 24-28, 2005
Revised Selected Papers

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Preface

It is our pleasure to present the papers accepted and presented at the 5th International School and Symposium on Advanced Distributed Systems (ISSADS) in this LNCS volume. The symposium was held in the city of Guadalajara, Mexico from January 24 to 28, 2005. The organization team was composed of members of CINVESTAV Guadalajara, Rostock University in Germany, the CUCEI and CUCEA campuses of Guadalajara University, and Instituto Tecnológico y de Estudios Superiores de Occidente, ITESO. The symposium is already a well-established annual meeting, at which scientists and people from the industrial field meet and discuss the progress of applications and the theory of distributed systems in a forum during the last week of January. This year, more than 250 people from 3 continents attended the conference. Most of them are scientists, teachers, students and engineers from the local industry.

The papers presented in the sessions of the symposium cover not only the subjects of distributed systems from the system level and applications, but also contributions from the area of theory and artificial intelligence concepts. These papers were selected out of more than 100 submissions. There was a selection filter in which each paper was evaluated by at least three members of the international Program Committee, who came from research institutions of good reputation all over the world.

We were pleased to listen to an invited talk given by Ali Hurson, a distinguished lecturer of ACM, on distributed data bases, and another one presented by Carlos Coello who become famous by its works in evolutive computation.

Besides the scientific sessions, ISSADS 2005 followed a tradition by offering six high-level tutorials covering the important topics of security, emerging technologies, knowledge management, multi-agent systems, design of complex systems, and modern Internet technologies. Furthermore, the conference was also a forum for presentations by the main industrial companies in the area of distributed systems – this year INTEL, HP, Texas Instruments and IBM took part in our event. All events enabled the participants to extend their knowledge in certain areas, to have a lot of worthwhile discussions, and to establish new, interesting and useful contacts.

We would like to extend our gratitude to all the members of the Program and Organizing Committees as well as their teams. We would like to note our special appreciation of Dr. Francisco Medina, Director of the Council of Science and Research of Jalisco, Mexico, for his financial support. We also thank J. Luis Leyva, Director of CINVESTAV, for all his help, and we thank Dionisio de Niz from ITESO, and Patricia Mendoza, Luis Gutierrez and Carlos Franco from Guadalajara University for their logistic support during all the events. Last but not least, we are grateful to the Chambers of Electronic and Information Technologies of Jalisco, Mexico. Gabriela Tagliaprieta put a lot of effort into supporting all participants. Finally, a special recognition is given to all the re-

searchers who submitted their papers to ISSADS 2005. They led to the success of ISSADS. We would be happy to see all of you and hopefully some new participants at ISSADS 2006, which will be held again in our nice city, Guadalajara, Mexico.

February, 2005

Félix F. Ramos C.
Victor Larios Rosillo
Herwig Unger

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