SaNSO 2005 Foreword

Welcome to SaNSO 2005, the International Workshop on System and Networking for Smart Objects to be held in conjunction with the 11th International Conference on Parallel and Distributed Systems (ICPADS-2005). Ubiquitous computing leads to the appearance of new networked devices and creates a unique challenge by the proliferation of distributed computing involving all heterogeneous computing devices. The concept of “smart object” is defined as the junction between miniaturization with the development of wireless communications. A large number of applications in daily life enriched can be imagined: from PDA networks to smart space, from wireless smartcard to smart fridges. Smart objects like smartcards, RFID tags, wireless sensors, smart dust, require suitable basic software which takes into account the specificity of smart objects: limited resources, mobile and untrusted environment. Software development and operating systems for small devices have received a considerable attention over the past few years but most of these studies completely ignore communication aspects which are more and more essential. That is the main reason of the existence of this workshop which aims to put together researchers of both domains.

In response to the Call for Papers, sixteen papers from nine different countries had been submitted. Based on review reports, eight papers were selected for presentation at SaNSO 2005.

The workshop could not be successful without the help of many organizations and individuals. First, we would like to thank the workshop general chairs, Jianhua Ma, Hosei University, Japan, and Laurence T. Yang, St. Francis Xavier University, Canada, for their support and guidance. Next, we wish to thanks the program committee (PC) members, and the PC members and especially reviewers for evaluating the assigned papers in a timely and professional manner. Last, but not the least, we thank all the authors for their submissions.

I hope you will enjoy and take benefits of presentations and discussions along SaNSO 2005!

On behalf of program committee,

David Simplot-Ryl
IRCICA/LIFL, Univ. Lille 1, INRIA Futurs, France