Message from the General Chair

On behalf of the organizing committee, it is my pleasure to welcome you to the 2006 International Conference on Dependable Systems and Networks (DSN-2006), the leading international conference on dependable computing since 1971, being held this year in the vibrant and historic city of Philadelphia, Pennsylvania, USA.

Dependability is a vital attribute of computing and communication systems that pervade every aspect of our daily lives. As we are increasingly relying on reliable and secure functioning of these systems and networks, there have been increasing concerns about malicious exploitation of imperfect systems as well as the traditional concerns for inadvertent or accidental faults, errors, and failures. Additionally, communication networks are increasingly intertwined with national infrastructures such as the electrical power grid giving rise to the potential for more disastrous failures. The focus of this year’s conference is on topics related to the question, “How can we make our systems and networks more dependable, reliable and trustworthy and thus make our businesses, homeland and society more safe and secure?”

We have put together an excellent program of a keynote talk by a business and technology leader, research papers, industry sessions, panels, tutorials, workshops, fast abstracts, and a student forum. This volume contains the papers and presentations in the DCCS and IPDS tracks. The accompanying Supplemental volume contains the presentations from the workshops, the student forum and Fast Abstracts.

I would like to take this opportunity to express my sincere thanks to all the members of the Organizing Committee for their hard work and volunteerism without which, it is needless to say, this conference would have been impossible. In particular, my special thanks go to (i) two core members of the committee, Sachin Garg and Navjot Singh, who went beyond their particular roles to help in organizing this conference since the beginning, (ii) David Taylor, Lorenzo Alvisi and Aad van Moorsel who coordinated and put together an excellent technical program, and (iii) the DSN Steering Committee Chair, Jay Lala, Vice Chair, Rick Schlichting, and members Jean Arlat, Ravi Iyer, Takashi Nanya, Bill Sanders, Neeraj Suri, Kishor Trivedi, Paulo Verissimo and Chuck Weinstock for their guidance.

I hope you will have a pleasant and productive participation in DSN 2006.

Chandra Kintala
General Chair, DSN 2006

I sincerely acknowledge the following industrial sponsors for their generous financial contributions even in this tough economic climate.