PREFACE

Information management systems are growing rapidly in scale and complexity, while skilled database administrators are becoming rarer and more expensive. Increasingly, the total cost of ownership of information management systems is dominated by the cost of people, rather than hardware or software costs. This economic dynamic dictates that information systems of the future be more automated and simpler to use, with most administration tasks transparent to the user.

Self-managing systems are a promising approach to achieving the goal of systems that are more automated and easier to use. The aim of the workshop is to provide a forum for researchers from both industry and academia to present and discuss ideas related to self-managing database systems. The workshop program, which covers topics such as self-optimization from both system and user perspectives, database design, self-healing mechanisms, differentiated service and virtualization, is indicative of the range of research currently underway in this important research area.