Introduction

Enterprise Integration has the goal of providing timely and accurate exchange of consistent information between business functions to support strategic and tactical business goals in a manner that appears to be seamless. The ability to provide integration between business functions that may be supported across multiple applications is a critical need for modern organizations. However, problems often emerge from overly ambitious or imprecise requirements resulting from inadequate plans for integrating different systems. This workshop discussed unsolved issues related to enterprise integration and focused on ways to address these unmet needs.

Paper 4-1 “Challenges in Enterprise Integration” identifies the outstanding technical and organizational problems and proposes a set of paths forward that include defining an effective scope, addressing the technical issues, addressing organizational issues and developing an effective migration plan.

Paper 4-2 “The Role of Services in Enterprise Integration” presents a model for Enterprise Application Integration and discusses the role of emerging technologies, as they relate to the specification of services, registration of services, data integration, and control integration.

Paper 4-3 “Semantic Modelling for School Information Systems (SIS) provides a case study of a semantic modeling approach to Enterprise Integration within a university environment.