This issue of the *International Journal of Web Services Research* (IJWSR) collects four papers related to services modeling, provisioning, and access.

The first paper is titled *A Computational Logic Application Framework for Service Discovery and Contracting*. Alberti, Cattafi, Chesani, Gavanelli, Lamma, Mello, Montali, and Torroni present a framework for Web service discovery and contracting. They apply Computational Logic to enable ontology-based reasoning for both services discovery and contracting phases. They also implemented a prototyping system and conducted experimental analysis.

The second paper is titled *Case Studies and Organisational Sustainability Modelling Presented by Cloud Computing Business Framework*. Chang, De Roure, Wills, and Walters address the issue of the measurement of Cloud business performance. They propose an Organisational Sustainability Modelling (OSM), which combines statistical computation and 3D Visualisation to present the Return on Investment arising from the adoption of Cloud Computing by organisations. Two case studies were presented.

The third paper is titled *Provisioning Virtual Resources Adaptively in Elastic Compute Cloud Platforms*. Zhang, Cao, Cai, Mulcahy, and Wu propose a mathematical multi-tier model to capture the characteristics of a virtualized cloud platform, and then convert this model into a constrained integer programming problem to address the adaptive virtual resource allocation problem. Experimental results and analysis are provided.

The fourth paper is titled *Semantic-based Access to Composite Mobile Services*. Yang, Bouguettaya, and Liu present a semantics-based access control for mobile users to access composite M-services in wireless broadcast networks. Experiments and study are presented as well.

*Editorial Preface*

**Services Modeling, Provisioning, and Access**

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*IJWSR*
Liang-Jie (LJ) Zhang is senior vice president, chief Scientist, & director of research at Kingdee International Software Group Company Limited, and director of The Open Group. Prior to joining Kingdee, he was a research staff member at IBM Thomas J. Watson Research Center. Dr. Zhang has published more than 140 technical papers in journals, book chapters, and conference proceedings. He has 40 granted patents and more than 20 pending patent applications. Dr. Zhang received his PhD on Pattern Recognition and Intelligent Control from Tsinghua University in 1996. He chaired the IEEE Computer Society’s Technical Committee on Services Computing since 2003. He also chaired the Services Computing Professional Interest Community at IBM Research from 2004 to 2006. He was the lead IBM researcher on Service-Oriented Architecture (SOA) solutions, web services, and interactive media systems. Dr. Zhang has served as the Editor-in-Chief of the International Journal of Web Services Research since 2003 and is the founding Editor-in-Chief of IEEE Transactions on Services Computing. He was elected as a Fellow of the IEEE in 2011, and in the same year won the IEEE Technical Achievement Award “for pioneering contributions to Application Design Techniques in Services Computing”. Dr. Zhang also chaired the 2010 IEEE 3rd International Conference on Cloud Computing (CLOUD 2010) and its sister conferences.