Cloud Computing Infrastructure Track Session 1
Executing Distributed Applications on Virtualized Infrastructures Specified with the VXDL Language and Managed by the HiPerNET Framework p. 3
High Performance Parallel Computing with Clouds and Cloud Technologies p. 20
Cloud Computing Platforms Track Session 1
Cloud@Home on Top of RESERVOIR p. 41
AppScale: Scalable and Open AppEngine Application Development and Deployment p. 57
Cloud Computing Infrastructure Track Session 2
Mitigating Security Threats to Large-Scale Cross Border Virtualization Infrastructures p. 73
Activity Control in Application Landscapes: A Further Approach to Improving Maintainability of Distributed Application Landscapes p. 83
PerlCloud: Performance-Oriented Integration of Cloud and GRID p. 93
Combining Cloud and Grid with a User Interface p. 103
Cloud Computing Infrastructure Track Session 3
A Performance Analysis of EC2 Cloud Computing Services for Scientific Computing p. 115
Cyberaide Virtual Applicance: On-Demand Deploying Middleware for Cyberinfrastructure p. 132
Cloud Computing Platforms Track Session 2
Service Supervision Patterns: Reusable Adaption of Composite Services p. 147
Cloud Computing Platforms Track Session 3
Self-managed Microkernels: From Clouds towards Resource Fabrics p. 167
Proactive Software Rejuvenation Based on Machine Learning Techniques p. 186
Dynamic Load Management of Virtual Machines in Cloud Architectures p. 201
Cloud Computing Platforms Track Session 4
Dynamic Service Encapsulation p. 217
Modeling Movable Components for Disruption Tolerant Mobile Service Execution p. 231
Cloud Computing Applications Track Session 1
Virtual Distro Dispatcher: A Light-Weight Desktop-as-a-Service Solution p. 247
On Cost Modeling for Hosted Enterprise Applications p. 261
Author Index p. 271

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.