

Preface

Our society is facing challenges that lead us to consider fundamental changes in managing identities, the global scale deployment of stronger authentication and privacy protection beyond simple password and patched-work solutions. User centric identity management is currently viewed as a useful high-level organizing principle for designing solutions to meet these challenges and is being actively pursued both in industry and academia.

This special issue is devoted to a selection of the contributed papers presented at the Second ACM Workshop on Digital Identity Management – DIM 2006 “*Exploring User-Centric Identity Management*”, held in conjunction with the 13th ACM Conference on Computer and Communications Security, CCS2006.

Two papers were selected from 9 workshop papers and were extended and revised for this special issue. The first paper “User Centricity: A Taxonomy and Open Issues” is a worthwhile attempt at introducing some rigor into classification of ‘user-centric’ identity systems. The second paper “Privacy Preserving Multi-Factor Authentication with Biometrics” presents a comprehensive system for using biometrics as well as other, traditional authentication factors, together to authenticate users in a secure federated identity scheme. I hope this special issue contributes to our exploration of the frontier of digital identity management through the DIM workshop series.

I would like to express my gratitude to the DIM 2006 program committee and external reviewers, who worked very hard in reviewing papers and providing suggestions for their improvements. Finally I would also like to thank Editors-in-chief, Professor Sushil Jajodia and Dr. Jonathan K. Millen, for their kind advice in editing this issue.

Special issue guest editor
Atsuhiko Goto
NTT, Japan