2009 Second International Conference on Advances in Human-oriented and Personalized Mechanisms, Technologies, and Services

(CENTRIC 2009)

Porto, Portugal
20-25 September 2009

Editors:
Oana Dini
Mario Hoffmann
Vitaly Klyuev

Josef Noll
Weilian Su

IEEE Catalog Number: CFP0990E-PRT
ISBN: 978-1-4244-4781-7
2009 Second International Conference on Advances in Human-Oriented and Personalized Mechanisms, Technologies, and Services

CENTRIC 2009

Table of Contents

Preface
Program Committee
Reviewers

CENTRIC 1: User-Centric Advanced Applications

Elder Care Modular Solution ........................................................................................................1
   Isabel Marcelino and António Pereira
Survey of Assistive Technology Devices and Applications for Aging in Place ......................... 7
   Andrea O'Brien and Rónán Mac Ruairí
Cultural Heritage Experience with Virtual Reality According to User Preferences ...................... 13
   Nikoletta Mavrogeorgi, Stefanos Koutsoutsos, Angelos Yannopoulos,
   Theodora Varvarigou, and George Kambourakis
Generating User Interface from Task, User and Domain Models ............................................. 19
   Vi Tran, Jean Vanderdonckt, Manuel Kolp, and Stéphane Faulkner

CENTRIC 2: User-Centric Networking and Services & Centric Views

A Framework for Serving Inclusive Web Forms to Disabled and Elderly Individuals .................. 27
   Till Halbach
Towards Dynamic Representation of Rich Internet Applications through Web Service Invocation
Giner Alor-Hernandez, Raquel Vasquez-Ramirez, Ruben Posada-Gomez, Ulises Juarez-Martinez, Juan Miguel Gomez, Myriam Mencke, and Alejandro Rodriguez Gonzalez

RIA Optimization to Support Web Service Invocations on Mobile Safari for iPhone
Giner Alor-Hernandez, Cristian Aaron Rodriguez-Enriquez, Ruben Posada-Gomez, Ulises Juarez-Martinez, Anselmo Osorio-Mirón, Juan Miguel Gomez, Myriam Mencke, and Alejandro Rodriguez Gonzalez

The Citizen's Role in National Electronic Identity Management - A Case-study on Austria
Georg Aichholzer and Stefan Strauß

CENTRIC 3: Work in Progress
Otorob (Ortho Robot) with Docmata (Doctor's Eye): Role of Remote Presence in Developing Countries
M. Iftikhar and M. Mariappan

Individual Access to IT Resources Using User Context
Lars Krueger

Towards Mobile Collaborative Exergaming
Levent Gorgu, Gregory M. P. O’Hare, and Michael J. O’Grady

CENTRIC 4: User-Centric Supporting Mechanisms
Fuzzy Modeling of Resource Consumption for Service Composition Evaluation
Steffen Krüssel, Heiko Pfeffer, and Stephan Steglich

A User-Oriented Web Retrieval Summarization Tool
Denis Vazhenin, Satoru Ishikawa, and Vitaly Klyuev

Use of Granularity and Coverage in a User Profile Model to Personalise Visual Content Retrieval
Kraisak Kesorn, Zekeng Liang, and Stefan Poslad

CENTRIC 5: Privacy and Anonymity & Technologies for Personalized Services
Ad Hoc Privacy Management in Ubiquitous Computing Environments
Christian Bünnig and Clemens H. Cap

Personalized Systems Need Adaptable Privacy Statements! How to Make Privacy-related Legal Aspects Usable and Retraceable
Victor Manuel Garcia-Barrios, Ariane Hemmelmayr, and Helmut Leitner

Semantic Personalization Framework for Connected Set-Top Box Environment
Sarfraz Alam, Zahid Iqbal, Josef Noll, and Mohammad M. R. Chowdhury
Context Sensitive Personalization Utilizing User Profiles: Standardization Work at European Telecommunications Standards Institute (ETSI) ......................................................... 103

Françoise Petersen, Giovanni Bartolomeo, Mike Pluke, and Tatiana Kovacikova

Author Index