

IADIS International Interfaces and Human Computer Interaction 2007

PRELIMINARY CONFERENCE PROGRAM

Friday 6th, July 2007

08:30-19:00 Welcome Desk

14:00-14:30 Session O – Opening Session
(Room: Castelo III)

OPENING SESSION

Prof. Katherine Blashki and Prof. Pedro Isaías

14:30-15:30 Session KL1 – Keynote Presentation
(Room: Castelo III)

THE PROMISE OF RICH USER INTERFACES IN WEB 2.0

Professor Bebo White, Stanford University, USA

15:30-16:40 Session FSP 6.1

Participatory design and cooperative design techniques // Eliciting User Requirements

(Room: Castelo III)

MODEL-BASED VISUAL SOFTWARE SPECIFICATION (F_066)

Thomas Memmel, Mathias Heilig and Harald Reiterer

LEARN TO DESIGN VS DESIGN TO LEARN: ENHANCING EDUCATIONAL OPPORTUNITIES USING GAME TECHNOLOGY (S_052)

Supawan Prompramote, Kathy Blashki and Sophie Nichol

ABOUT SPLITTING TELEPRESENCE AND REMOTE CONTROL INTERFACES IN RESCUE ROBOTS (S_064)

Alberto Valero Gómez

16:30-17:00 Coffee Break

17:00-19:00 Session FSP 6.2

Usability // User studies and fieldwork

(Room: Castelo III)

EFFICIENCY OF EXPERIENCED USE OF MULTIMODAL INTERACTION METAPHORS FOR INTERFACE DESIGN (F_031)

Mohammad M. Alsuraihi and Dimitris I. Rigas

AN INVESTIGATION INTO THE USE OF INTERACTIVE WHITEBOARDS IN SOUTH AFRICAN SCHOOLS (F_099)

Hannah Slay, Ingrid Siebörger and Cheryl Hodgkinson Williams

KNOWLEDGE AND COMMUNICATIVE ASPECTS OF VISUALIZATION IN ACTION CASE RESEARCH (S_095)

Lars-Olof Johansson, Björn Cronquist and Harald Kjellin

AN INITIAL EMPIRICAL STUDY INTO E-NOTE-TAKING (S_098)

Shaista Rashid and Dimitris Rigas

COMPUTERS AND BROADBAND INTERNET IN CONSUMERS' EVERYDAY LIFE (S_075)

Tiina Ikala

EVALUATING THE EFFECTIVENESS OF INFORMATION VISUALIZATION METHODS FOR DISASTER MANAGEMENT (S_106)

Khasfariyati Razikin, Dion Hoe-Lian Goh, Alton Yeow-Kuan Chua, Yew Yew Chua, Jane Yee Wong and Kin Jun Yang

Saturday 7th, July 2007

09:00-10:00 Session FP 7.1

Emotional Design issues/methods/experiences for novel interfaces

(Room: Castelo III)

USE OF WIND FOR INFORMATION ACQUISITION (F_069)

Mitsuru Minakuchi

INTERACTIVE AGENTS FOR MULTIMODAL EMOTIONAL USER INTERACTION (F_070)

Eva Cerezo, Sandra Baldassarri and Francisco Seron

10:00-11:00 Tutorial

(Room: Castelo III)

CURRENT BEST PRACTICES IN WEB DEVELOPMENT AND DESIGN

Professor Bebo White, Stanford University, USA

11:00-11:30 Coffee Break

11:30-13:00 Tutorial

(Room: Castelo III)

CURRENT BEST PRACTICES IN WEB DEVELOPMENT AND DESIGN

Professor Bebo White, Stanford University, USA

11:30-13:00 Doctoral Consortium

(Room: Castelo VI)

13:00-14:30 Lunch Break

15:00 Tour and Conference Dinner

We visit the city of Lisbon, driving along the Avenida da Liberdade, considered the most important avenue in the city, which lead us to the downtown. Passing the Rossio and the Commerce Square, along the river Tejo we reach the quarter of Belém, where we will see the most important monuments of the city. This was the place where Portuguese navigators started their voyages throughout the seas and discovered new routes and lands, which made the 15th and 16th centuries the “golden age” of Portuguese history. The Belém Tower was the fortress which defended the entrance of the harbour of Lisbon and, along with the Jeronimos Monastery, is World Heritage of UNESCO, masterpieces of the Portuguese manueine style.

We continue to the mouth of the river heading to the coastal glamorous places Estoril and Cascais, once residence of European nobles.

Along the coast of Guincho, we will reach Cabo da Roca, westernmost point of continental Europe, “where the land ends and the sea begins”.

Our next highlight will be the romantic town of Sintra, we drive along the mountain range, World Heritage of UNESCO, as “cultural landscape”, due to the lush vegetation and the magnificent monuments built along the centuries and the history of Portugal. Lord Byron named it “the glourious eden”.

After the visit of the town, once summer residence of Portuguese royalty, we proceed to a typical restaurant, where our dinner will take place.

Tickets for this can be bought at the welcome desk.

Sunday 8th, July 2007

08:30-17:00 Welcome Desk

09:00-11:20 Session FSP 8.1

User studies and fieldwork // The value of Affective Interfaces/ Systems/ Application/ Interaction
(Room: Castelo III)

INTERFACE EVALUATION OF PORTUGUESE AND INTERNATIONAL NEWS WEBSITES (F_078)
Sérgio Nunes, André Almeida, Bruno Giesteira, Fernanda Pinto and Paula Oliveira

POSITION-INDEPENDENT INTERACTION FOR LARGE HIGH-RESOLUTION DISPLAYS (F_103)
Werner A. König, Hans-Joachim Bieg, Toni Schmidt and Harald Reiterer

AN AUTOMATIC MATCHING ALGORITHM BETWEEN DEVICES AND APPLICATION FUNCTIONS FOR TANGIBLE USER INTERFACES (F_063)
Kazumi Matsui, Tsutomu Terada, Yasue Kishino and Shojiro Nishio

AN EVENT-DRIVEN NAVIGATION SYSTEM FOR CONTENTS REUTILIZATION (F_082)
Tsutomu Terada, Masakazu Miyamae and Takahito Fukuda

TRAINING AND DEPLOYMENT AS A BASIS FOR USABILITY ENGINEERING OF MOBILE SYSTEMS (S_100)
Bente Skattor

11:00-11:30 Coffee Break

11:30-13:05 Session FSRP 8.2

Creativity Support Systems
(Room: Castelo III)

POSTCARDS FROM THE DIGITAL-ATOMIC BORDER: A STUDY OF CREATIVITY IN ACTION (F_028)
R. T. Jim Eales and Dharani Perera

NG CREATIVITY SUPPORT SYSTEMS FOR THE NE“X”T GENERATION (F_029)
Sophie Nichol

COMPUTER SUPPORT OF CREATIVITY PROCESSES IN TEAMS (S_084)
Hilko Donker

THE IMPLEMENTATION OF FOLKSONOMY IN METALIB APPLICATIONS (R_097)
Lenka Němečková and Eliška Pavlášková

11:30-13:25 Session FSRP 8.3

Affective User-centred analysis, design and evaluation
(Room: Castelo VI)

CANDIDATE SELECTION MECHANISM FOR SKETCH-BASED 3D MODELING (F_081)
Kawasaki Naoyuki and Gotoda Hironobu

CONCEPTUAL FOUNDATIONS OF THE METAPHORS OF INTERACTION (F_077)
William H. Edmondson and Mark G. Lee

ON THE DISCREPANCIES BETWEEN DESIGNERS' AND USERS' PERCEPTIONS AS ANTECEDENTS OF FAILURES IN MOTIVATING USE (S_094)
Evangelos Karapanos and Jean-Bernard Martens

FLEXIBLE STRUCTURED MATHEMATICS NOTATION (S_108)
Jackson W. Marques de Carvalho and Helmut Jürgensen

MULTI TOUCH USER INTERFACE WITH TACTILE FEEDBACK (R_083)
Erkki Joasoon

13:00-14:30 Lunch Break

14:30-16:30 Session FSP 8.5

Usability
(Room: Castelo III)

Personality differences in information search on a touch screen Personal Digital Assistant (F_090)
Hiroe Li and Peter Graf

REAL-TIME HAND GESTURE IDENTIFICATION FOR HUMAN COMPUTER INTERACTION BASED ON ICA OF SURFACE ELECTROMYOGRAM (F_076)
Ganesh R. Naik, Hans Weghorn, Dinesh K. Kumar, Vijay P. Singh and Marimuthu Palaniswami

SILENT VOICE COMMAND RECOGNITION FOR HCI USING VIDEO WITHOUT EVALUATING AUDIO (S_102)
Wai Chee Yau, Dinesh Kant Kumar and Hans Weghorn

INDIVIDUAL DIFFICULTIES FACED BY PERSONS WITH MOBILITY IMPAIRMENTS (S_101)
Mardé Greeff and Paula Kotzé

THE MULTIPLE IDENTITY OF UNIVERSALITY (S_088)
Plinio Thomaz Aquino Junior and Lucia Vilela Leite Filgueiras

16:40 Best Paper Awards Ceremony and Closing Session
(Room: Castelo III)

Prof. Katherine Blashki and Prof. Pedro Isaías