

**FEDERICA CENA**

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**1. CURRENT POSITION**

From 22/12/11, **Researcher (INF/01)** at Department of Computer Science, University of Torino, Italy.

Member of "Smart Objects and Systems Interaction" group at Department of Computer Science. Member of "ICxT" and of "CIRMA" of University of Torino. Head of "Smart Society Lab" of research center ICxT (2015) (<http://www.icxt.unito.it/3-smart-society-lab/>)

**2. STUDY**

- 2007: **Ph.D in Communication Science**, Department of Computer Science of University of Torino. Title: *The Role of Semantic Dialogue for Adaptation for Ubiquitous Environment*. Supervisor: prof. Luca Console and prf. Lora M. Aroyo.
- 2003: **Degree in Communication in ICT society**, University of Torino, Mark: 110/110 lode, menzione e dignità di stampa Title: *"Personalisation for Call Center"*. Supervisor: dott.sa Ilaria Torre. Best thesis award a.a. 2002-2003.
- 2002: **Master "Web Career"**, Getronics spa and University of Torino, technology ICT for business
- 2001: **Degree in Communication Science**, University of Torino, Mark: 110/110 cum Laude. Title: *"An ypermedia systems for web-based tools for workers"*. Supervisor: prof. Luca Console.

**3. VISITING PERIODS**

2006: **Visiting student** at **University of Technology di Eindhoven**", prof. Lora Aroyo.

2005: **Visiting student** at **CWI - "National Research Institute for Mathematics and Computer Science in the Netherlands"**, Amsterdam, at the "Semantic Media Interface" group of prof. Lynda Hardman.

**4. RESEARCH ACTIVITIES**

Federica Cena received her PhD in 2007 in the area of semantic web for distributed user-adaptive applications. She is working on user modeling, personalization and ubiquitous computing, Web 2.0 and Semantic Web for user modeling and adaptation In the last years, she is mainly devoted in studying the implications of Internet of Things for user model and personalisation.

**5. CHAIR**

- \* **Publicity and social media chair @ 1st International Conference on Wearable for Health, 2016** (14-15 June Budapest, Hungary)
- \* **Publicity co-chair @ ACM Hypertext and Social Media conference 2015** (Cipro, 1-4 Settembre 2015)
- \* **Publicity co-chair @ ICEMIS 2015**, the International Conference on Engineering & MIS 2015, Istanbul, Turkey, 24-26 September, 2015
- \* **Workshop and Tutorial co-chair @ ACM Hypertext and Social Media conference 2014** (Santiago del Chile, 1-4 Settembre 2014)
- \* **Program Co-chair** del workshop internazionale *"New Frontiers for Quantified Self"*, nell'ambito della conferenza internazionale Ubicomp 2015, the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing, Osaka, Japan Sep. 7-11 2015
- \* **Program Co-chair** del workshop internazionale *"SASWeb, Social Adaptive Semantic Web"* (3 edizione), nell'ambito della conferenza internazionale UMAP 2012(20th Int. Conference on User Modeling, Adaptation and Personalisation) (Montreal, Canada July 16-20, 2012)
- \* **Program Co-chair** del workshop internazionale *"SASWeb, Social Adaptive Semantic Web"* (2 edizione), nell'ambito della conferenza internazionale UMAP 2011 (19th Int. Conference on User Modeling, Adaptation and Personalisation) (Girona, Spain July 11-15, 2011)
- \* **Program Co-chair** del workshop internazionale *"SASWeb, Adaptation in the Social Semantic Web"* (1 edizione), nell'ambito della conferenza internazionale UMAP 2010 (18th Int Conference on User Modeling, Adaptation and Personalisation) (Big Island of Hawaii, June 19-24, 2010) <http://ailab.dimi.uniud.it/en/events/2010/sasweb/committees.html>
- \* **Program Co-chair** del workshop internazionale *"Web 3.0: Merging Semantic Web and Social Web"*, nell'ambito della conferenza internazionale Hypertext 2009, 20th ACM Conference on Hypertext and Hypermedia (Turin, Italy, June 29-July 1, 2009) <http://www.cs.pitt.edu/~rosta/EICK/index.html>

**3.1 EDITORIAL BOARD, COMITATI DI PROGRAMMA, ATTIVITA' DI REVISIONE E RECENSIONE**

- \* **Membro del Editorial Board** delle riviste internazionali
  - \* Journal of Information Technology and Tourism (<http://ojs.modul.ac.at/index.php/jitt>)
  - \* Artificial Intelligence research (AIR) journal (<http://www.scirp.org/journal/ait/>)
  - \* Advances in Internet of Things (AIT) journal (<http://www.sciedu.ca/air>)
  - \* "Modern Internet of Things" (MIOT) journal <http://www.vkingpub.com/miot/editorialBoard.aspx>
- \* **Guest Editor di Special Issue** su riviste internazionali
  - \* *ACM Transactions on Intelligent Interaction systems (TIIS)*, Special Issue on Big Personal Data and Intelligent Interactive Systems, 2015 (<http://tiis.acm.org/special-issues.html#si-call-bpd>)
  - \* *Journal of Universal Computer Science, Special issue on "Advanced Research on Software Security Design and Applications"*  
[http://www.jucs.org/ujs/jucs/info/special\\_issues/in\\_preparation.html](http://www.jucs.org/ujs/jucs/info/special_issues/in_preparation.html)
  - \* *ACM Transactions on Intelligent Systems and Technology (TIST)*, Special Issue on Semantic Adaptive Social Web, 2012 (<http://tist.acm.org/CFPs/TIST-SI-SASWeb.html>)
- \* **Programme Committee** member of the following International Conferences
  - \* **HeathWear**, 1st International Conference on **Wearable for Health, 2016** (14-15 June Budapest, Hungary)
  - \* **IUI 2016**, ACM International Conference on Intelligent User Interfaces. March 2014 – California, USA
  - \* **www15websci**, the 24th International World Wide Web Conference - Web Science Track
  - \* **IUI 2015**, ACM International Conference on Intelligent User Interfaces. March 2014 – Atlanta, USA
  - \* **UMAP 2015**, 23 Conference on User Modeling, Adaptation and Personalization, Dublin, Ireland, June 2015
  - \* **Hypertext 2015**, ACM Hypertext and Social Media conference 2014, September 2015, Cyprus
  - \* **EC-Web 2015**, the 16th International Conference on Electronic Commerce and Web Technologies , Valencia, Spain, September 1 - 2, 2015
  - \* **Conference on Internet of Things and Smart City** (IoTSC 2015), May 24-26, 2015 in Beijing, China
  - \* **WebIST 2015**, 11 International Conference on Web Information Systems and Technologies, 20-22 May 2015, Lisboa, Portugal
  - \* **ADAPTIVE 2015**, The 7 International Conference on Adaptive and Self-Adaptive Systems and Application, March 22 - 27, 2015 - Nice, France
  - \* **Hypertext 2014**, ACM Hypertext and Social Media conference 2014, 2-6 September 2014, Santiago del Chile, Chile
  - \* **IUI 2014**, ACM International Conference on Intelligent User Interfaces. 24 feb 2014 - 27 feb 2014 - Haifa, Israel
  - \* **UMAP 2014**, 22st Conference on User Modeling, Adaptation and Personalization, Aalborg, Denmark // 7-11 July 2014
  - \* **WebIST 2014**, 10th International Conference on Web Information Systems and Technologies, Barcelona, Spain, 3-5 April 2014
  - \* **ADAPTIVE 2014**, The Sixth International Conference on Adaptive and Self-Adaptive Systems and Application, May 25 - 29, 2014 - Venice, Italy
  - \* **UMAP 2013**, 21st Conference on User Modeling, Adaptation and Personalization · Rome, Italy · June 10-14, 2013 member of the pc of the Main Conference, of Doctoral Consortium and of Demo Session)
  - \* **ACM Hypertext 2013, ACM Hypertext and Social Media conference 2013** ,1-3 May 2013, Paris, France
  - \* **EC-Web 2013**, 15th International Conference on Electronic Commerce and Web Technologies, Prague, Czech Republic August 26 - 30, 2013
  - \* **WEBIST 2013 "9th International Conference on Web Information Systems and Technologies"** - 18-21 April 2012, Porto, Portugal
  - \* **KONVENS 2012**, 11th Conference on Natural Language Processing, Vienna, September 19-21, 2012
  - \* **DATA ANALYTICS 2012**, *September 23-28, 2012 - Barcelona, Spain*
  - \* **NEM 2012 summit**, Implementing Future Media Internet towards New Horizons, Istanbul 6-18 October 2012,
  - \* **ACM Hypertext 2012**, the 23 ACM conference on Hypertext and Social Media, July 25-28 2012, Milwaukee, WI, USA

- \* **UMAP 2012**, 20th Int. Conference on User Modeling, Adaptation and Personalisation) (Montreal, Canada, July 16-20, 2012) – (member of the pc of the Main Conference, of Doctoral Consortium and of Demo Session)
- \* **EC-Web 2012**, 13th International Conference on Electronic Commerce and Web Technologies September 3-7, 2012, Vienna, Austria
- \* **IADIS 2012** INTERNATIONAL CONFERENCE INTERNET APPLICATIONS AND RESEARCH 2012 Lisbon, Portugal, 17- 19 July 2012
- \* **CISIS-2012** track on Adaptive and Evolvable Human Computer Interaction Interfaces – Palermo, Italy, July 4th- July 2012
- \* **WEBIST 2012** “8th International Conference on Web Information Systems and Technologies” - 18-21 April 2012, Porto, Portugal
- \* **NEM Summit 2011, Implementing Future Media Internet conference**, 7-29 Sept-2011, Torino
- \* **S3T2011-Third International Conference on Software, Services & Semantic Technologies**, in Bourgas, Bulgaria, September 1 – 2, 2011
- \* **UMAP 2011 – Doctoral consortium-** (19th Int. Conference on User Modeling, Adaptation and Personalisation) (Girona, Spain July 8-11, 2011)
- \* **IADIS** International Conference Internet Applications and Research 2011 Rome, Italy 22 - 24 July 2011
- \* **EC-Web 2011-** track "Recommender Systems", August 29-September 2, 2011, Toulouse, France
- \* **ACM Hypertext 2011**, the 22 ACM conference on Hypertext and Hypermedia, 6-9 giugno 2011, Eindhoven, The Netherland
- \* **ESWC 2011** - Extended Semantic Web Conference, Social Web and Web Science Track. Eraklion, Greece, 2011
- \* **SWEL 2011** - ONTOLOGIES AND SOCIAL SEMANTIC WEB FOR INTELLIGENT EDUCATIONAL SYSTEM-Special Track at the 24th International **FLAIRS Conference** In cooperation with the American Association for Artificial Intelligence Palm Beach, Florida, USA May 18th – 20th, 2011
- \* **FLAIRS-24**, The Twenty-Fourth International Florida Artificial Intelligence Research Society Conference 2011
- \* **ISWSA2011**, The International conference on Intelligent Semantic Web-Services
- \* **ACM Hypertext 2010**, the 21 ACM conference on Hypertext and Hypermedia, 13-16 luglio 2010, Toronto, Ontario
- \* **ESWC 2010** - Extended Semantic Web Conference, Social Web Track. Eraklion, Greece, 2010
- \* **EC-Web 2010**, Recommender system track , August 30-September 3, 2010, Bilbao, Spain
- \* **ISWSA2010**, International Conference on Intelligent Semantic Web - Services and Applications, Amman, Jordan, from June 14 to June 16, 2010
- \* **HSI'10** (track Special Session 7: Accessing, Structuring, Analyzing and Adapting Information in Web 2.0) the 3rd IEEE International Conference on Human System Interaction, Rzeszow, Poland, 13-15 May 2010
- \* **ACM Hypertext 2009**, the 20 ACM conference on Hypertext and Hypermedia, 19 giugno-1 luglio 2009, Torino 2009
- \* **Pogramme Committee** member of the following International Workshops
  - \* CBRecSys 2015, 2nd Workshop New Trends in Content-Based Recommender Systems @ RecSys 2015
  - \* DeCAT 2015, 1st International Workshop on Deep Content Analytics Techniques for Personalized and Intelligent Services @Umap 2015
  - \* SIdEWayS 2015, International Workshop on Social Media World Sensor @ Hypertext 2015
  - \* SocInf 2015, First International Workshop on Social Influence Analysis @ IjCAI 2015
  - \* Workshop on Full Body Multisensorial Experience in Ubiquitous Interaction @ Ubicomp 2015
  - \* LinkQS: Workshop on Linking The Quantified Self @ Hypertext 2014
  - \* DataViz: Workshop on Data Visualisation @ Hypertext 2014
  - \* AIoT14, International Workshop on Affordances in the Internet Of Things @ COIOTE 14
  - \* CBRecSys 2014, 1st Workshop New Trends in Content-Based Recommender Systems @ RecSys 2014
  - \* AI\*HCI 2013, Artificial Intelligence and Human Computer Interaction @ AI\*IA 2013
  - \* PAI2013, Popularize Artificial Intelligence @ AI\*IA 2013
  - \* Enrich 2013, Exploration, Navigation and Retrieval of Information in Cultural Heritage @ ACM SIGIR 2014
  - \* SPIM 2013, Semantic Personalized Information Management 2013 @ RecSys 2013

- \* PMWS 2012, Personalized Multilingual Web Science @ 2012 ACM Web Science Conference,
- \* SeRSy 2012, Semantic Technologies meet Recommender Systems & Big Data @ ISWC 2012
- \* CrowdSens'2012, First International Workshop on Multimodal Crowd Sensing CIKM 2012, Maui Hawaii, October 29th - Nov 2nd, 2012
- \* PAI2012, Popularize Artificial Intelligence 2012 @ AI\*IA 2012
- \* AUM2012, 2nd Workshop on Augmented User Modeling @ UMAP 2012
- \* PMWS 2012, Personalised Multilingual Web Science 2012 @ NetSci 2012
- \* SeRSy2012, International Workshop on Semantic Technologies meet Recommender Systems & Big Data @ ISWC 2012
- \* SPIM 2012, 3rd Workshop on Semantic Personalized Information Management: Linking Social and Semantic Web @ WSDN 2013
- \* HetRec 2011 2nd International Workshop on Information Heterogeneity and Fusion in Recommender Systems @ RecSys 2011
- \* uweb2011, Workshop on User Profile Data on the Social Semantic Web @ ESWC
- \* SPIM 2011, Workshop on Semantic Personalized Information Management: Linking Social and Semantic Web @ RecSys'11.
- \* PMHR2011, Personalized Multilingual Hypertext Retrieval @ Hypertext 2011
- \* AUM2011, Augmenting User Models with Real World Experiences to Enhance Personalization and Adaptation @ UMAP 2011
- \* PALE2011, Personalization Approaches in Learning Environments @ UMAP 2011
- \* UWeb 2011, User Profile Data on the Social Semantic Web @ ESWC 2011
- \* UDISW2010, User Data Interoperability in the Social Web Workshop @ IUI 2010
- \* "Adaptation and Personalization in e-learning Using Pedagogic Conversational Agents" @ UMAP 2010
- \* HetRec 2010, International Workshop on Information Heterogeneity and Fusion in Recommender Systems @ RecSys 2010
- \* LUPAS2010, International Workshop on Linking of User Profiles and Applications in the Social Semantic Web
- \* User Model Integration workshop @ AH2008
- \* UbiqUM'2008, Ubiquitous User Modeling workshop @ AH2008
- \* **Reviewers** of international journals
  - \* UMUI, International Journal of User-Modeling and User-Adapted Interaction
  - \* International Journal of Human-Computer Studies
  - \* IEEE SMC-B, Systems, Man and Cybernetics
  - \* ACM Transactions on Intelligent Systems and Technology
  - \* ACM Transactions on Interactive Intelligent Systems
  - \* Journal of Web Semantics
  - \* International Journal on Semantic Web and Information Systems
- \* **External reviewers:**
  - \* UMAP 2009, UMAP 2010, IUI 2013

#### 4. TEACHING

##### 4.1 UNIVERSITY COURSES

- "Web of Things I" presso Laurea Specialistica di Comunicazione, ICT e Media dell'University of Torino (a.a.: 2014/2015, 2015-2016)
- "Service Design for the Web of Things" presso Lauree Specialistiche di Produzione e Organizzazione della Conoscenza e Comunicazione, ICT e Media dell'University of Torino (a.a.: 2013/2014, 2014-2015)
- "Business Intelligence" presso Lauree Specialistiche di Produzione e Organizzazione della Conoscenza dell'University of Torino (a.a.: 2013/2014)

- **“Decision Support Systems”** presso Lauree Specialistiche di Produzione e Organizzazione della Conoscenza della Facoltà di Lettere e Filosofia dell’University of Torino, all’interno del progetto di Alta Formazione del COREP (a.a.: 2010/2011 - a.a.: 2011/12- 2012/2013)
- **“Semantic Web”** presso il corso di laurea specialistica in Produzione e Gestione della Conoscenza, della Facoltà di Lettere e Filosofia, dell’University of Torino (a.a. 2012/2013)
- **“Multimedia Communication”** presso Lauree Specialistiche della Facoltà di Lingue e Letterature Straniere dell’University of Torino (a.a.: 2010/2011 )
- **“Semantic Web”** presso il corso di laurea specialistica in Produzione e Gestione della Conoscenza, della Facoltà di Lettere e Filosofia, dell’University of Torino (a.a. 2009/2010 – a.a. 2010/2011)
- **“Programming Languages for the Web”** corso di laurea specialistica in Comunicazione nella Società dell’Informazione, dell’University of Torino (a.a. 2008/2009)
  
- **“Skills Alignment lab**, at Comunicazione, ICT e Media dell’University of Torino (a.a. 2015/2016, 2014/2015, 2013/2014)
- **ICT Trends” (3 CFU)**, at Produzione e Organizzazione della Conoscenza dell’University of Torino (a.a. 2013/2014, 2014-2015)
- **“XHTML e CSS”**, at Laurea magistrale in Scienze della Comunicazione (a.a. 2009/2010, a.a. 2008/2009)
- **“Ontologies and Semantic Web”**, at laurea specialistica in Comunicazione nella Società dell’Informazione (a.a. 2003/2004)
- **“Contact Center and communication”** at laurea specialistica in Comunicazione nella Società dell’Informazione (a.a. 2002/2003)
- **Titolare del Laboratorio: “HTML”**, at Laurea magistrale in Scienze della Comunicazione (a.a. 2005/ 2006)
- **Titolare del Laboratorio: “Alfabetizzazione Informatica”**, at facoltà di Lettere e Filosofia (a.a. 2002/2003)

#### 4.2 OTHER TEACHING ACTIVITIES

- **Instructor del Tutorial “Designing and evaluating new generation user modeling”**, presso la conferenza UMAP2011 (Girona, Spain, July 11-15, 2011) e UMAP 2012 (Montreal, July 16-20 2012)
- **Docente del Corso di Informatica, una scienza per affrontare la complessità**, presso la **Scuola di Studi Superiori** dell’University of Torino, **modulo: “Modellare la conoscenza: ontologie e inferenze ”**, aprile 2015
- **Docente del Master in Management delle SMART CITIES**, presso il Politecnico di Torino. “Strumenti e applicazioni informatiche per la gestione della spesa sostenibile, la gestione del turismo e della vita quotidiana dei cittadini”, aprile 2013
- **Docente del Corso di Basi di Dati** presso **ITS - Istituto Tecnico Superiore** – per le Tecnologie della Comunicazione e dell’Informazione (a.a. 2011/ 2012)
- **Docente del Tutorial “Designing and evaluating new generation user modeling”**, presso la conferenza internazionale UMAP2011
- **Docente del Corso di Multimedialità** presso il **Liceo Classico Alfieri** – Torino (a.s. 2007/ 2008 e a.s. 2008/2009)
- **Docente del Corso di Architettura e Protocolli per Internet**, nell’ambito del corso per *Tecnico Produzione di Contenuti Multimediali e Comunicazione per il Web 2.0*, promosso da Regione Piemonte e Engim (2008)

#### 5. AWARDS

- \* **Best Doctoral Consortium** with the paper *From Interoperable User Model to Interoperable User Modelling* at “Adaptive Hypermedia and Adaptive Web-based Systems”, Dublino, June 2006
- \* **Best thesis award** a.a. 2002-2003
- \* Vincitrice nell’anno accademico 2001-2002 e nell’anno accademico 2003-2004 del **premio allo studio Optime** promosso dall’Unione Industriale di Torino

#### 6. PUBLICATIONS

##### PH.D THESIS (1)

*F. Cena A Semantic Dialogue for Adaptation in Ubiquitous Environment. Ph.D. thesis, University of Turin, Department of Computer Science, 2007.*

##### BOOK (1)

*L. Console, M. Ribaldo, G. Avalle, F. Carmagnola, F. Cena Informatica Generale. UTET Università. Prima edizione aprile 2010. ISBN: 9788860082985 De Agostini Scuola Spa - Novara*

### **PROCEEDINGS EDITOR (5)**

Hypertext 2015- Cena, Altigran Soares da Silva, Christoph Trattner (Eds.): 25th ACM Conference on Hypertext and Social Media: Doctoral Consortium and Late-breaking Results, Santiago, Chile, September 1-4, 2014. CEUR Workshop Proceedings 1210, CEUR-WS.org 2014

"Semantic Adaptive Social Web" on ACM Transactions on Intelligent Systems and Technology international journal (ACM TIST – <http://tist.acm.org/>) vol. 4 num. 4, 6 <http://tist.acm.org/CFPs/TIST-SI-SASWeb.html>

"Social Adaptive Semantic Web", @ UMAP 2011, 19th Intl. Conference on User Modeling, Adaptation and Personalisation) <http://ceur-ws.org/Vol-730>

Curatore degli atti del workshop internazionale "SASWeb, Adaptation in the Social Semantic Web", presso la conferenza UMAP 2010, 18th Intl. Conference on User Modeling, Adaptation and Personalisation), giugno 2010 <http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-590/>

Curatore degli atti del workshop internazionale "Web 3.0: Merging Semantic Web and Social Web", presso la conferenza Hypertext 2009, 20th ACM Conference on Hypertext and Hypermedia, luglio 2009  
Web 3.0: Merging Semantic Web and Social Web  
<http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-467/>

**INTERNATIONAL JOURNALS (17)****2015**

Rapp, A., Cena, F., Gena, C., Marcengo, A., Console, L. (2015), Using game mechanics for field evaluation of prototype social applications: a novel methodology, *Behaviour & Information Technology*, DOI: 10.1080/0144929X.2015.1046931

Cena, F., Venero F. (2015) A Study on User Preferential Choices about Rating Scales, *International Journal of Technology and Human Interaction*, 11(1), 33-54, January-March 2015, DOI: 10.4018/ijthi.2015010103

**2014**

Cena, F., Likavec, S, Lombardi, I. Picardi, C. (2014) Should I Stay or Should I Go? Improving Event Recommendation in the Social Web. *Interacting with Computers*, first published online August 21, 2014 DOI:10.1093/iwc/iwu029

Jameson, A., Berendt, B., Gabrielli, S., Gena, C., Cena, F., Venero, F., Reinecke, K. (2014). Choice architecture for human-computer interaction. *Foundations and Trends in Human Computer Interaction*, 7(1-2): 1-235 (2014), DOI:10.1561/11000000028 <http://dx.doi.org/10.1561/11000000028>

**2013**

Cena, F., Dattolo, A., Lops, P., Vassileva J. (2013) Perspectives in Semantic Adaptive Social Web, *ACM Transactions on Intelligent Systems and Technology (TIST)* 4(4), 59:1--59:8, DOI: <http://doi.acm.org/10.1145/2501603>

Cena, F., Likavec, S, Osborne, F. (2013) Anisotropic propagation of user interests in ontology-based user models. *Information Science* 250: 40-60, DOI: <http://dx.doi.org/10.1016/j.ins.2013.07.006>

Console, L., F. Antonelli, G. Biamino, F. Carmagnola, F. Cena, E. Chiabrando, V. Cuciti, M. Demichelis, F. Fassio, F. Franceschi, R. Furnari, C. Gena, M. Geymonat, P. Grimaldi, P. Grillo, S. Likavec, I. Lombardi, D. Mana, A. Marcengo, M. Mioli, M. Mirabelli, M. Perrero, C. Picardi, F. Protti, A. Rapp, R. Simeoni, D. Theseider Dupré, I. Torre, A. Toso, F. Torta, and F. Venero (2013) Interacting with Social Networks of Intelligent Things and People in the World of Gastronomy, *ACM Transaction on Interactive Intelligent Systems (TIIS)* 3, 1, Article 4 (April 2013), 38 pages. DOI: <http://dx.doi.org/10.1145/2448116.2448120>

**2012**

Cena, F., Furnari, R. (2012) UMIS: a User Model Interoperability service AIT, *Advances in Internet of Things*, Vol 4(2): 91-105, ISSN 1753-2310, DOI: 10.4236/ait.2012.24012.

Gena, C., Cena, F., Venero, F., Grillo, P. (2012) The Evaluation of a Social Adaptive Web Site for Cultural Events, *UMUAI User Modeling and User-Adapted Interaction Journal*. Special issue on Personalization in Social Web Systems ,DOI: 10.1007/s11257-012-9129-9

**2011**

Carmagnola, F., Cena, F., Gena, C. (2011) User Model Interoperability: A survey , *UMUAI User Modeling and User-Adapted Interaction Journal*, Vol.21(3- 2): 285-331, DOI:10.1007/s11257-011-9097-5

Carmagnola, F., Cena, F., Console, L., Perrero, M, Simeoni, R., Venero, F . (2011) Supporting content discovery and organization in network of contents and users, *Multimedia Systems*. Vol.17(3): 199-218, DOI: 10.1007/s00530-010-0219-4

Cena, F. (2011) Integrating Web Service and Semantic Dialogue Model for User Models Interoperability on the Web, *Journal of Intelligent Information Systems*, Vol. 36 (2): 131-166, ISSN: 0925-9902 (print), 1573-7675(online) , DOI=10.1007/s10844-010-0126-3 <http://dx.doi.org/10.1007/s10844-010-0126-3>

**2009**

Carmagnola, F., Cena, F. (2009) User Identification in Cross-System Personalisation, *Information Sciences*, Vol. 179 (1-2): 16-32, ISSN: 0020-0255, DOI: 10.1016/j.ins.2008.08.022

**2008**

Carmagnola, F., Cena, F., Console, L., Cortassa, O, Gena, C., Goy, A., Torre, I., Toso A., Venero F. (2008) Tag-based User Modeling for Social Multi-Device Adaptive Guides, *UMUAI User Modeling and User-Adapted Interaction*, Special Issue on Personalizing Cultural Heritage Exploration, Vol. 18 (3): 478-506 (2008), ISSN: 0924-1868 (print), 1573-1391(online), DOI:10.1007/s11257-008-9052-2

Cena, F., Furnari, R. (2008) Discovering and Exchanging Information about Users in a SOA Environment, Communication of SIWN - Systemics and Informatics World Net (formerly Systems and Information Science Notes), Vol. 4 (3): 34-38 (2008), ISSN: 1757-4439

### **2006**

Cena, F., Torre, I. (2006) Adapting the Interaction in a Call Centre, Interacting with Computers, Vol. 18 (3): 478-506 (2006), ISSN: 0953-5438, DOI:10.1016/j.intcom.2005.11.007

Cena, F., Console, L., Gena, C., Goy, A., Levi, G., Modeo, S., Torre, I. (2006) Integrating Heterogeneous Adaptation Techniques to Build a Flexible and Usable Mobile TouristGuide, AICommunication, The European Journal on Artificial Intelligence, Vol.19(4) 369-384, ISSN: 0921-7126, IOS Press

### **LECTURE NOTES IN COMPUTER SCIENCE (19)**

### **2015**

Sarzotti, F., Lombardi, I., Rapp, A., Marcengo, A., Cena, F. Engaging Users in Self-Reporting their Data: a Tangible Interface for Quantified Self, HCI 2015

### **2014**

Rapp, A., Cena, F., Self-monitoring and Technology: Challenges and Open Issues in Personal Informatics. HCI (7) 2014: 613-622

### **2013**

Osborne F., Likavec S., Cena F. Granular semantic user similarity in the presence of sparse data, in the Proc. of AIIA 2013, 14th International Conference on Artificial Intelligence, Torino, December 2013

### **2012**

Kuflik, T., Wecker, A., Cena F., Gena, C. Evaluating rating scales personality to appear in the Proc. of 20th International Conference on User Modeling, Adaptation and Personalization (UMAP 2012), Montreal, Canada, 16-20 luglio 2012

Cena F., Likavec S., Osborne F., Property-based interest propagation in ontology-based user model to appear in the Proc. of 20th International Conference on User Modeling, Adaptation and Personalization (UMAP 2012), Montreal, Canada, 16-20 luglio 2012

### **2011**

Cena, F., Dattolo, A., De Luca, E.W., Lops, P., Plumbaum, T., Vassileva, J.: Semantic Adaptive Social Web. UMAP Workshops 2011: 176-180

Cena F., Likavec S., Lombardi L., Picardi C., *Synthesis of Collective Tag-based Opinions in the Social Web* in the Proc. of AIIA 2011, 12th International Conference on Artificial Intelligence, Palermo, September 2011

Cena F., Likavec S., Osborne F., *Propagating user interests in ontology-based user model* in the Proc. of AIIA 2011, 12th International Conference on Artificial Intelligence, Palermo, September 2011

Gena, C., Cena F., Venero F., Brogi R., *The Impact of Personalized Rating Scales on User's Rating Behaviour* in the Proc. of AIIA 2011, 19th International Conference on User Modeling Adaptation and Personalisation, Girona, July 2011

### **2010**

Cena, F., Venero, F., Gena, C. *Towards a customisation of rating scale* in the Proc. of UMAP 2010, 18th International Conference on User Modeling Adaptation and Personalisation, Big Island of Hawaii, 19-24 June 2010 LNCS 6075, pp 369-374

### **2009**

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