

Curriculum Vitae

PERSONAL INFORMATION	<p>Full Name David Vallet Weadon Place of birth Madrid Date of birth Feb 6th 1982 Nationality Spain-United States</p>
STUDIES	<p>2000-2005 Universidad Autónoma de Madrid Madrid, Spain <i>Computer Science Engineer (B.S. and M.S.)</i> Top three of promotion. Grades with highest honours (distinction) in 9 out of 40 courses.</p> <p>2005-2008 Universidad Autónoma de Madrid Madrid, Spain <i>Ph.D. on Computer Science and Telecommunication</i> “Personalized Information Retrieval in Context by Exploiting Semantic Knowledge and Implicit User Feedback” European mention, with highest honors. http://nets.ii.uam.es/dvallet/res/Tesis-dvallet-Sep-2008.pdf</p>
PRIZES	<p>2004-2005 Comunidad de Madrid. Fellowship for excellent academic performance.</p>
PROFESSIONAL EXPERIENCE	<p>July. 2004 – Nov. 2008 Nets group. Universidad Autónoma de Madrid. Madrid, Spain <i>Research Associate</i></p> <p>Nov. 2008 - Nov. 2009 MIR group. University of Glasgow. Glasgow, UK <i>Postdoctoral Research Associate</i> Development: Web based personalization based on profiles defined in Delicious social bookmarking site. Automatic image retriever from textual queries based on DBPedia. Recommendation approach based on past user interactions for explorative tasks.</p> <p>Nov. 2009 – Feb 2013 IR Group. Universidad Autónoma de Madrid. Madrid, Spain <i>Lecturer</i> Development: Web based evaluation of personalization and diversification techniques with crowdsourcing techniques. Automatic personalization and diversification of Web search results with Social profiles and document categorization. Results published in SIGIR 2012.</p> <p>Feb. 2013 – Jan 2014 Networks Group. National ICT Australia (NICTA) Sydney, Australia <i>Researcher</i></p> <p>Feb. 2014 – May 2014 IR Group. Universidad Autónoma de Madrid. Madrid, Spain <i>Senior Lecturer (Tenure)</i></p>

	<p>May. 2014 – Google. Sydney Australi <i>Software Engineer</i></p>
<p>ACQUIRED KNOWLEDGE</p>	<p>Web technologies: JSP, Java EE, GWT. Programming languages: Java, python, C, C++. Information Retrieval: crawling, indexing, ranking, search engines, user modelling, group profiling, Web mining, recommender systems. Semantic Web: ontology and KB engineering, semantic annotation and retrieval.</p>
<p>INTERNSHIPS</p>	<p>August. 2006 – November. 2006 Ebiquity research group. UMBC. Maryland, USA PhD internship http://ebiquity.umbc.edu/person/html/David/Vallet/</p> <p>August. 2007 - November. 2007 Glasgow IR Group. Glasgow university. Glasgow, UK PhD internship http://ir.dcs.gla.ac.uk/ Development: Video recommendation based on past user interactions.</p> <p>November. 2007 - February. 2008 Yahoo! Research Barcelona. Barcelona, Spain PhD internship http://research.yahoo.com/Yahoo_Research_Barcelona Development: Entity ranking based on Wikipedia.</p>
<p>LANGUAGES</p>	<p>Spanish, English</p>
<p>References</p>	<p><i>Pr. Pablo Castells</i> Universidad Autónoma de Madrid (UAM) Phone: +34 91-497.2284 E-mail: pablo.castells@uam.es</p> <p><i>Pr. Joemon Jose</i> University of Glasgow, MIR group E-mail : jj@dcs.gla.ac.uk</p>
<p>SELECTED PUBLICATIONS (full list: http://bit.ly/dZ4PdU)</p>	<p>D. Vallet, P. Castells. Personalized Diversification of Search Results. 35th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR 2012). Portland, OR, USA, August 2012.</p> <p>D. Vallet, F. Hopfgartner, J. M. Jose, and P. Castells. Effects of Usage based Feedback on Video Retrieval: a Simulation based Study. ACM Transactions on Information Systems 29(2), 2011.</p> <p>M. Halvey, D. Vallet, D. Hannah, Y. Feng, J. M. Jose. An Asynchronous Collaborative Search System for Online Video Search. Information Processing & Management, Volume 46(6), 2010.</p> <p>D. Vallet, M. Halvey, D. Hannah, J.M. Jose. A Multi Faceted Recommendation Approach for Explorative Video Retrieval Tasks. 14th International Conference on Intelligent User Interfaces (IUI 2010). Philadelphia, Pennsylvania, US, March 2010.</p>

D. Vallet, I. Cantador, J.M. Jose. Personalizing Web Search with Folksonomy-based User and Document Profiles. 32nd European Conference on Information Retrieval (ECIR 2010). Milton Keynes, UK, March 2010.

D. Vallet, I. Cantador, J.M. Jose. Exploiting External Knowledge to Improve Video Retrieval. 11th ACM SIGMM International Conference on Multimedia Information Retrieval (MIR 2010). Philadelphia, Pennsylvania, US, March 2010. Springer LNCS.

D. Vallet, F. Hopfgartner, M. Halvey, and J. Jose. Community Based Feedback Techniques to Improve Video Search. Signal, Image and Video Processing 2(4), Special Issue on Multimedia Semantics, Adaptation & Personalization, December 2008, pp. 289-306.

D. Vallet, F. Hopfgartner, J. Jose. Use of Implicit Graph for Recommending Relevant Videos: A Simulated Evaluation. 30th European Conference on Information Retrieval (ECIR 2008). Glasgow, Scotland, April 2008, pp. 199-210

Ph. Mylonas, D. Vallet, P. Castells, M. Fernández, and Y. Avrithis. Personalized information retrieval based on context and ontological knowledge. Knowledge Engineering Review March 2008, pp. 73-100.

D. Vallet, P. Castells, M. Fernández, P. Mylonas, and Y. Avrithis. Personalized Content Retrieval in Context Using Ontological Knowledge. IEEE Transactions on Circuits and Systems for Video Technology 17(3), March 2007, pp. 336-346.

P. Castells, M. Fernández, and D. Vallet. An Adaptation of the Vector-Space Model for Ontology-Based Information Retrieval. IEEE Transactions on Knowledge and Data Engineering 19(2), February 2007, pp. 261-272.

D. Vallet, M. Fernández, P. Castells. An Ontology-Based Information Retrieval Model. 2nd European Semantic Web Conference (ESWC 2005). Heraklion, Greece, May 2005. pp. 455-470.

Organization of Events

1st Spanish Conference on Information Retrieval, Madrid, Spain, 15 June 2010.

1st International Workshop on Adaptation, Personalization and REcommendation in the Social-semantic Web. 7th Extended Semantic Web Conference (ESWC 2010), Heraklion, Greece, 31 May 2010,

1st International Workshop on Social, Adaptive and Personalized Multimedia Interaction and Access (SAPMIA 2010). ACM Multimedia Conference, Florence, Italy, 29 October 2010.

1st International Workshop on Usage Analysis and the Web of Data (USEWOD 2011), 20th International World Wide Web Conference (WWW2011), Hyderabad, India, March 28th or 29th, 2011,