Curriculum Vitae
Prof. Claudia Diamantini

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Claudia Diamantini is Associate Professor, SSD ING-INF/05-Sistemi di Elaborazione delle Informazioni at the Department of Information Engineering, Polytechnic University of Marche, since December 2004. Previously, she has been Lecturer at Polytechnic University of Marche, University of Macerata and University of Camerino.

Since 2012 she is the Chairman of the Unified Council of the Bachelor and Master degrees in Computer and Automation Engineering and coordinates the activities of the curriculum in Computer, Management and Automation Engineering of the PhD program in Information Engineering. She is also part of the Select Council of the Faculty of Engineering and the Council of the PhD School in Engineering Sciences. From 2006 to 2012 she was a member of the Commission of Academic Coordination of the Faculty of Engineering. She is member of the Council of Members' representatives of the Consorzio Interuniversitario Nazionale per l'Informatica (CINI), senior member of ACM and member of the IEEE.

Her research interests include data analytics and semantic techniques in collaborative information systems, modeling of performance indicators and metrics, innovation management and monitoring in virtual enterprises. On these topics she has published more than 100 publications in refereed international journals, books and conferences, and participates in national and European projects (e.g. , EU-FP7 BIVEE awarded with the Excellence Grade by the European Commission, EU-IPA AdriHealthMob, EU-FP6 INTEROP NoE, MIUR-PRIN Dynamic Capabilities between Business Organizations and Local Production Systems) also with coordination responsibility.

She leads the Knowledge Discovery & Management research group (http://kdmg.dii.univpm.it), that hosts Italian and foreign young researchers at post-doc, doctoral and masters level, in addition to structured staff, and collaborates with universities, research laboratories and companies at national and international level.

She is involved in the organization of conferences and collaborates with international journals, in particular she served as Guest Editor for special issues of Future Generation Computer Systems (ISSN 0167-739X) and Concurrency and Computation: Practice and Experience (ISSN 1532-0626), and she is a member of the scientific committee of Broad Research in Artificial Intelligence and Neuroscience (ISSN 2067-3957). Since 2015 she is co-chair of the Technical Program Committee of the International Conference on Collaboration Technologies and Systems and was Tutorial Chair of same conference from 2009 to 2013. She was co-chair of the Organizing Committee of the Fourteenth Italian Symposium on Advanced Database Systems - SEBD 2006. She is, or has been, a member of several international conference program committees (including CoopIS, ODBASE, DEXA, DaWak, ICPR).

She served as project reviewer and auditor on behalf of the Italian Ministry of Education, University and Research (MIUR) , and is in the H2020 database of experts.

PUBLICATIONS

1. Bevilacqua M., Ciarapica F., Diamantini C., Potena D. (2017). Big Data Analytics methodologies applied to energy management in industrial sector: a case study. International Journal for RF Technologies: Research and Applications (in press)

2. Diamantini, C., Mircoli, A., Potena, D., A negation handling technique for sentiment analysis (2017), 2016 International Conference on Collaboration Technologies and Systems, CTS 2016, pp. 188-195.

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4. Diamantini, C., Genga, L., Potena, D., van der Aalst, W., Building Instance Graphs for Highly Variable Processes, (2016), Expert Systems with Applications, vol. 59, pp. 101-118

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11. Diamantini, C., Potena, D., Storti, E., Data mart reconciliation in virtual innovation factories, (2014), Lecture Notes in Business Information Processing, LNBIP 178, pp. 274-285.

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14. Diamantini, C., Potena, D., Storti, E., A virtual mart for knowledge discovery in databases, (2013), Information Systems Frontiers, 15 (3), pp. 447-463.

15. Diamantini, C., Potena, D., Storti, E., A logic-based formalization of KPIs for virtual enterprises, (2013), Lecture Notes in Business Information Processing, 148 LNBIP, pp. 274-285.