PARIMBELLI ENEA
curriculum vitae

PERSONAL INFORMATION

Full Name	Parimbelli enea
Born in	Pavia (PV) - Italy
Date of birth	10/DEC/1987
Gender	Male
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EDUCATION

BACHELOR'S DEGREE, 2006-2009 Computer Engineering, University of Pavia. (110/110 cum Laude)

MASTER'S DEGREE, 2009-2011 Computer Engineering and Service Science, University of Pavia. (110/110 cum Laude)

PHD STUDENT, 2012-2015 (expected completion date) Bioengineering and Bionformatics, BMI lab "Mario Stefanelli", Department of Electronic, Computer and Biomedical Engineering, University of Pavia. Supervisor: Prof. Silvana Quaglini

WORKING EXPERIENCE

TEACHING ASSISTANT - UNIVERSITY OF PAVIA (SEP 2015 – JAN 2015)
Teaching assistant for the semester-long course "Telemedicine Foundations" offered to first-year MS students in bioengineering and third-year BS students in computer engineering. Course faculty: prof. Cristiana Larizza.

VISITING RESEARCH SCHOLAR – UNIVERSITY OF PENNSYLVANIA (APR 2014 – OCT 2014)
Visiting scholar at Center for Clinical Epidemiology and Biostatistics (CCEB) in the Perelman School of Medicine. Research on novel approaches to patients preferences elicitation for use in CDSS.

TEACHING ASSISTANT - UNIVERSITY OF PAVIA (SEP 2013 – JAN 2015)
Teaching assistant for the semester-long course "Internet and medicine" offered to third year BS students in bioengineering. Course faculty: prof. Giordano Lanzola.

MOBIGUIDE PROJECT TEAM MEMBER – UNIVERSITY OF PAVIA (NOV 2012-OCT 2015)
Team member of the EU-funded project "Mobiguide, guiding patients anytime, everywhere". Involved in research, design and implementation activities of the UNIPV core components including: caregiver web interfaces, clinical shared decision modules, data analysis components and utility elicitation tools.

JAVA COURSE TEACHER – on behalf of OL3 SRL (NOV 2012)
Teaching activity for a one-week long intensive Java course (participants had no prior knowledge of OOP or Java) for Thales Alenia Space Italy employees.

JUNIOR CONSULTANT – NTT DATA EMEA (formerly Value Team spa) (SET 2011 – JUN 2012)
Team member of the "MORe (Operational monitoring of retail customers)" and "Credit management and analysis" projects for a major Italian enterprise in the Oil&Gas industry. Requirements engineering, data wharehouse design and dashboard tools development.

TUTOR AND LAB ASSISTANT – UNIVERSITY OF PAVIA (SEP 2007 – SEP 2008)
Assistant for the course "Informatics Fundamentals". OOP and Java-based software design and implementation.

REVIEWER ACTIVITIES

REVIEWER (JAN 2015-TODAY) for International Journal of Medical Informatics.

REVIEWER (2015) for AIME2015 and AMIA2015 (special track on diabetes) and NI2016 international conferences.

AWARDS

BEST POSTER
Best Poster of the evidence based medicine session. Lanzola G., Quaglini S., Parimbelli E., Cavallini A., Tartara E., Micieli G., A new functionality for the SUN-Lombardia Registry: Monitoring Patients' Enrollment and Performance Indicators. Italian Stroke Forum 2012.

STUDENT AWARD
Best 1st year information engineering students (2007). AICA (Italian association for automatic calculus)

PERSONAL AND PROFESSIONAL SKILLS
LANGUAGES
Mother tongue Italian and good working proficiency in both written and spoken English.

COMPUTER SKILLS
Java, JSP, SQL, Groovy/Grails, GSP and basic Python programming.
MS Office suite, SAP business objects, I2B2, TreeAge pro.

OTHER
IT processes ad architecture frameworks like ITIL, COBIT, CMMI, TOGAF.
SCOR framework, Business process analysis and design, balanced scorecards and KPIs.
UML modelling, software architecture design and software project management including RUP, XP and Agile methodologies.

CERTIFICATIONS
HL7 fundamentals – HL7 Italy on behalf of HL7 international, MAY 2015
Modern & Contemporary American Poetry – Coursera, DEC 2014
EUCIP core - MAY/2011
Open Water Diver – PADI, APR 2010

HOBBIES AND INTERESTS
Volleyball and beach-volley - FIPAV (italian volleyball federation) player.
Modern and contemporary American Poetry.
Tropical aquarium fish - Member of the board of directors of AIC (italian cichlid association) and author of several articles on Tanganyika cichlids in specialized magazines.

PUBLICATIONS

International Journals

1. S. Rubrichi, C. Rognoni, L. Sacchi, E. Parimbelli, C. Napolitano, A. Mazzanti, and S. Quaglini, "Graphical Representation of Life Paths to Better Convey Results of Decision Models to Patients," *Medical Decision Making*, Jan. 2015.
2. E. Parimbelli, L. Sacchi, S. Rubrichi, A. Mazzanti, and S. Quaglini, "UceWeb: a Web-based Collaborative Tool for Collecting and Sharing Quality of Life Data," *Methods Inf Med*, vol. 53, no. 6, Nov. 2014.
3. L. Sacchi, S. Rubrichi, C. Rognoni, S. Panzarasa, E. Parimbelli, A. Mazzanti, C. Napolitano, S. G. Priori, and S. Quaglini, "From decision to shared-decision: Introducing patients' preferences into clinical decision analysis," *Artif Intell Med*, Nov. 2014.
4. G. Lanzola, E. Parimbelli, G. Micieli, A. Cavallini, and S. Quaglini, "Data Quality and Completeness in a Web Stroke Registry as the Basis for Data and Process Mining," *Journal of Healthcare Engineering*, vol. 5, no. 2, pp. 163–184, Jun. 2014.

International Conferences

1. Parimbelli E, Fizzotti G, Pistarini C, Rognoni C, Quaglini S. "Quality of Life Measurements in Spinal Cord Injury Patients". *Stud Health Technol Inform*;216:998. *MEDINFO 2015*, San Paolo Aug 2015.

2. Parimbelli E, Quaglini S, Bellazzi R, Holmes JH. Collaborative Filtering for Estimating Health Related Utilities in Decision Support Systems. *AIME 2015*, Pavia, June 2015.

3. Sacchi L, Parimbelli E, Panzarasa S, Viani N, Rizzo E, Napolitano C, et al. "Combining Decision Support System-Generated Recommendations with Interactive Guideline Visualization for Better Informed Decisions". *AIME 2015*, Pavia, June 2015.

4. E. Parimbelli, S. Quaglini, C. Napolitano, S. Priori, R. Bellazzi, and J. H. Holmes, "Use of Patient Generated Data from Social Media and Collaborative Filtering for Preferences Elicitation in Shared Decision Making," in *AAAI Fall Symposium Series*, 2014.

5. Arturo González-Ferrer, Mor Peleg, Enea Parimbelli, Erez Shalom, Carlos Marcos Lagunar, Guy Klebanov, Iñaki Martínez-Sarriegui, Nick Lik San Fung, and Tom Broens, "Use of the Virtual Medical Record Data Model for Communication among Components of a Distributed Decision-Support System," in *Proceedings of 2nd IEEE Biomedical and Health Informatics International Conference*, Valencia, 2014.

6. L. Sacchi, C. Rognoni, S. Rubrichi, S. Panzarasa, and S. Quaglini, "From Decision to Shared-Decision: Introducing Patients' Preferences in Clinical Decision Analysis - A Case Study in Thromboembolic Risk Prevention," in AIME2013, Murcia, Spain.

7. S. Quaglini, Y. Shahar, M. Peleg, S. Miksch, C. Napolitano, M. Rigla, A. Pallàs, E. Parimbelli, and L. Sacchi, "Supporting shared decision making within the MobiGuide project," *AMIA Annu Symp Proc*, vol. 2013, pp. 1175–1184, 2013.

8. G. Lanzola, S. Quaglini, E. Parimbelli, A. Cavallini, E. Tartara, and G. Micieli, "Monitoring Patients' Enrolment and Performance Indicators in a Web Stroke Register," in *24th International Conference of the European Federation for Medical Informatics Quality of Life through Quality of Information*, Pisa, 2012.

ATTENDACE TO NATIONAL AND INTERNATIONAL SCIENTIFIC CONGRESSES

15th Conference on Artificial Intelligence in Medicine AIME 2015, 17 june – 21 june 2015, Pavia, Italy
Value Based medicine in Oncology, 4 may 2015, INT (National Tumor Institute), Milan, Italy
AMIA 2014 annual symposyum, 15 nov – 19 nov 2014, Washington DC, USA
AAAI fall symposyum HIAI track, 13 nov-15 nov 2014, Arlington, VA, USA
mHealth – Enhancing cancer supportive care. 4 apr 2014, SDA Bocconi, Milan, Italy
14th Conference on Artificial Intelligence in Medicine. AIME 2013. 29 may – 1 june 2013, Murcia, Spain

SUPERVISED THESES

Co-supervisor for Rizzo E. "The Mobiguide Project: integration of advanced components in the care-providers interface". MS thesis, University of Pavia, 2014.

Co-supervisor for Spalla D. "Design of a Electronic Health Record model compliant to the HL7 vMR standard". MS thesis, University of Pavia, 2013. Winner of the HL7 Italia best thesis award (1st edition, 2014)

Co-supervisor for Gorrini R. "A web interface for quality of life data acquisition" . MS thesis, University of Pavia, 2013