

PERSONAL INFORMATION

Full Name **Parimbelli Enea**
Born in **Pavia (PV) - Italy**
Address
Land phone **+39 0382 985981**
E-mail

EDUCATION

PHD, 2012-2016 Bioengineering and Bionformatics, Biomedical informatics lab "Mario Stefanelli", Department of Electrical, Computer and Biomedical Engineering, University of Pavia. Supervisor: Prof. Silvana Quaglini

MEng, 2009-2011 Computer Engineering and Service Science, University of Pavia. (110/110 cum Laude)

BEng, 2006-2009 Computer Engineering, University of Pavia. (110/110 cum Laude)

WORKING EXPERIENCE

ASSISTANT PROFESSOR - UNIVERSITY OF PAVIA (APR 2021 - ongoing)

Tenure-track appointment as assistant professor of biomedical engineering at the department of electrical, computer and biomedical engineering of the University of Pavia. Teaching includes "telemedicine foundations" and "health informatics" for master students in the bioengineering Meng, Medicine MD, and MEET (Medicine Enhanced by Engineering Technologies) master program.

POST-DOC RESEARCH FELLOW - UNIVERSITY OF PAVIA (SEP 2019 - SEP 2020)

Post-doctoral fellow at Bio-Medical informatics laboratory "Mario Stefanelli". Decision support for medical professionals and patients in distributed environments. Project team member for Horizon 2020 projects CAPABLE (Cancer Patients Better Life Experience, H2020 GA875052) and PERISCOPE (Pan-European Response to the ImpactS of COVID-19 and future Pandemics and Epidemics, H2020 GA101016233). Demo Manager and leader of task force 2 since June 2020, designing and developing the 1st and 2nd POCs of the CAPABLE system in the context of EC project reviews.

POST-DOC RESEARCH FELLOW - UNIVERSITY OF OTTAWA (AUG 2017 - AUG 2019)

Post-doc fellow at the Telfer school of management at the University of Ottawa. Involved in research on computer-supported collaborative work in interdisciplinary healthcare teams, medical data mining, motivational patient assistant (targeting engagement of atrial fibrillation patients to comply to anticoagulant treatment) and computerized guidelines development for multimorbid patients.

LECTURER - AI IN MEDICINE - UNIVERSITY OF OTTAWA (2018 WINTER TERM)

Winter term appointment as teaching faculty at the Ottawa-Carleton Institute for Computer Science (OCICS). Developing and teaching the doctoral-level course CSI5139 - "Special Topics in Computer Science: Artificial Intelligence in Medicine".

LECTURER - BUSINESS ANALYTICS - UNIVERSITY OF OTTAWA (2018 FALL TERM)

Fall term appointment as teaching faculty at the Telfer school of management. Teaching ADM2302 - Business Analytics to undergraduates enrolled in the second year BCom in Management Information Systems and Analytics.

POST-DOC RESEARCH FELLOW - UNIVERSITY OF PAVIA (NOV 2015 - AUG 2017)

Post-doctoral fellow at Bio-Medical informatics laboratory "Mario Stefanelli". Development of methods and systems for patient-centered telemedicine and medical decision support. Involved in the MobiGuide (FP7 GA287811) and PULSE (H2020 GA727816) projects.

CONTRACT PROFESSOR - UNIVERSITY OF WESTERN PIEDMONT (MAR 2017 - JUN 2017 and MAR 2020 - JUN 2020)

Contract professor for the 48-hours semester-long course "Web programming fundamentals" offered to third-year BS students in computer science in Vercelli.

VISITING RESEARCH SCHOLAR - UNIVERSITY OF PENNSYLVANIA (APR 2014 - OCT 2014)

Visiting scholar at Department of Biostatistics, Epidemiology and Informatics (DBEI) in the Perelman School of Medicine. Research on novel approaches to patient preferences elicitation for use in CDSS.

PHD STUDENT AND MOBIGUIDE TEAM MEMBER - UNIVERSITY OF PAVIA (NOV 2012-OCT 2015)

Team member of the EU-funded project "MobiGuide, guiding patients anytime, everywhere" (FP7 GA287811). 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.

JUNIOR CONSULTANT – NTT DATA EMEA (formerly Value Team spa) (SEP 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. Requirement engineering, data warehouse design and dashboard tools development.

SERVICE TO PROFESSION

See recognition for my peer-reviewer activity on publons:
<https://publons.com/researcher/3389138/enea-parimbelli/peer-review/>

TUTORIAL CHAIR member of the organizing committee of AIME2022 conference.

SENIOR PC MEMBER for AIME2021, AIME2022 conferences.

PC MEMBER for W3PHAI'20 International Workshop on Health Intelligence In conjunction with AAAI2020.

PC MEMBER for AIME2017, 2019 and 2020 conferences, and reviewer for the corresponding AIIM Special Issue.

PC MEMBER for the Workshop on Computer based processes and algorithms for biomedicine and life quality improvement (CBPBL), in conjunction with IEEE BIBM 2017, Kansas City, USA, November 13 - 16, 2017.

REVIEWER for AMIA 2015-2018, AIME2015, W3PHAI'19 and NI2016 international conferences.

AWARDS

BEST PAPER AWARD - User Modeling and User-Adapted Interaction

2017 James Chen Annual Award for Best UMUAI Paper for “MobiGuide: a personalized and patient-centric decision-support system and its evaluation in the atrial fibrillation and gestational diabetes domains”

OUTSTANDING REVIEWER, AIME 2017 conference, Vienna

Mentioned among the top 12 most helpful reviewers based on the authors’ anonymous feedback.

NOMINEE for the AMIA 2017 DOCTORAL DISSERTATION AWARD

Selected as the nominee among the University of Pavia PhD program graduates of 2016. Made it to the semi-final round consisting of 19 selected candidates.

BEST DOCTORAL DISSERTATION AWARD "Marco Ramoni"

Awarded by the Italian National Bioengineering Group (GNB) for the thesis: "Personalization of clinical decision support systems in the context of shared decision making". Sep 2016.

IEEE EXEMPLARY STUDENT BRANCH AWARD

Awarder to the University of Pavia IEEE student branch where I was involved as the area manager for biomedical engineering. Awarded Dec 2016

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 informatics and computing)

HOBBIES AND INTERESTS

Scuba diving, freediving, spearfishing and fish (mostly members of the Chichlidae family).

Volleyball and beach-volley - FIPAV (Italian volleyball federation) player.

Modern and contemporary American poetry.

PUBLICATIONS

ORCID: [0000-0003-0679-828X](https://orcid.org/0000-0003-0679-828X)

See a full list of publications since 2015 on google scholar:

https://scholar.google.com/citations?hl=en&user=hJpGhTgAAAAJ&view_op=list_works&sortby=pubdate

STUDENT SUPERVISION

1. PhD supervisor for Buonocore T., PhD in Bioengineering, Bioinformatics and Health Technologies, University of Pavia, 2021-2024.
2. Supervisor for Cova R. “Decision support in Oncology: feasibility study and prototyping”. MEng thesis, University of Pavia, 2020.
3. Co-supervisor for Kingwell S. MD, “Prediction of spine surgery complications risk from NSQIP data”, MBA thesis, University of Ottawa, 2018-2019.
4. Co-supervisor for Basadonne A. “IBM academic initiative: IBM Watson as a development tool for a virtual guideline assistant”. MEng thesis, University of Pavia, 2017.

5. Co-supervisor for Salvi E. "Decision support for the elicitation of quality of life data: new functionalities for the UceWeb tool". MEng thesis, University of Pavia, 2016.
6. Co-supervisor for Pantano P. "Sentiment analysis for the evaluation of quality of life in atrial fibrillation patients". BEng thesis, University of Pavia, 2016.
7. Co-supervisor for Rizzo E. "The Mobiguide Project: integration of advanced components in the care-providers interface". MEng thesis, University of Pavia, 2014.
8. Co-supervisor for Spalla D. "Design of a Electronic Health Record model compliant to the HL7 vMR standard". MEng thesis, University of Pavia, 2013. Winner of the HL7 Italy best thesis award 1st edition
9. Co-supervisor for Gorrini R. "A web interface for quality of life data acquisition". MEng thesis, University of Pavia, 2013.

REFERENCES CONTACT INFORMATION

Prof. Silvana Quaglini, University of Pavia, silvana.quaglini@unipv.it (PhD supervisor, Lab director, PI of CAPABLE)

Prof. Riccardo Bellazzi, University of Pavia, riccardo.bellazzi@unipv.it (Department chair and PhD program chair, PI of PERISCOPE)

Prof. Wojtek Michalowski, University of Ottawa, wojtek@telfer.uottawa.ca (supervisor during my post-doc @ uOttawa, Telfer school of management interim dean, and vice-dean research)

Prof. Mor Peleg, University of Haifa, peleg.mor@gmail.com (Department chair, PI of MobiGuide, Editor-in-chief of JBI)

Prof. John H. Holmes, University of Pennsylvania, jhholmes@penncmedicine.upenn.edu (sponsor of my visiting research period @ UPenn)