

MARCO BERTONI

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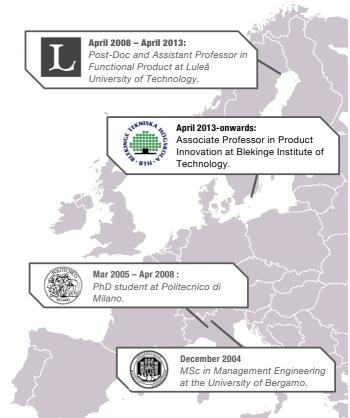
My research focuses on the the development of Value-driven Design methodologies for Product-Service Systems, while my teaching responsibilities cover mainly product development, design thinking and engineering knowledge management at graduate and undergraduate level.

I took part to European FP6/FP7 and national research projects in the topic of Systems Engineering, with focus on requirements management, enterprise collaboration and knowledge Management practices.

I am member of the scientific committee of the International Conference on Engineering Design (ICED), the APMS conference, the International CAD Conference, the International Conference on Research into Design (ICORD), and the DESIGN conference.

Currently I am also deputy Head of Department of Mechanical engineering and Departmental Coordinator for the ERASMUS+ agreement with the University of Bergamo.

I won the BTH round of the ForskarGrandPrix and took part to the Swedish finals in Stockholm in 2013.



Italian: native English: C2 Swedish: C1

VALUE DRIVEN DESIGN

Bertoni, M. and Bertoni, A. (2019) Iterative value models generation in engineering design: lessons learned from a cross-company study. Design Science, Vol. 5, No. 18, 22p

VALUE VISUALIZATION

Bertoni, A., **Bertoni, M.**, Isaksson O. (2013). Value Visualization in PSS Preliminary Design. Journal of Cleaner Production, 53:103-117.

PUBLICATIONS

(selected)

ENGINEERING DESIGN

ORCID ID: 0000-0002-5076-3300

VALUE AND SUSTAINABILITY

Bertoni, M. (2019). Multi-Criteria Decision Making for Sustainability and Value Assessment in Early PSS Design. Sustainability, Vol. 11, Is. 7, 1952.

ENGINEERING KNOWLEDGE MANAGEMENT
Bertoni, M., Larsson, A., Ericson, Å., Chirumalla K., Larsson
T. Jeaksson, O. and Bandall, D. (2012) The rise of Social

T., Isaksson, O. and Randall, D. (2012) The rise of Social Product Development. International Journal of Networking and Virtual Organizations, Vol. 11, No. 2, pp.188-207.

SYSTEMS ENGINEERING

H-index: 19
110-index: 34
Total papers (dec 2019): 85
Total citations (dec 2019): 1045

Bertoni, M., Bertoni, A., & Isaksson, O. (2018). Evoke: A value-driven concept selection method for early system design. Journal of Systems Science and Systems Engineering, 27(1), pp. 44-77.

CDIO IMPLEMENTATION

Bertoni, M. and Bertoni, A. (2020) Measuring Experiential Learning: An Approach Based on Lessons Learned Mapping. Education Sciences. Vol. 10, No. 1, 11p.

CURRENT TEACHING RESPONSIBILITIES

Innovation Project Implementation Knowledge Enabled Value *Course responsible Project course and Realization (swe) *Teacher and/or supervisor Engineering (en) Innovation (en) for ERASMUS students (en) YFAR 1 YFAR 2 YFAR 3 YEAR 4 YEAR 5 **Innovative and Sustainable** Systems **Extreme Product Service Product Development (swe)** Engineering (en) Innovation (en)





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