



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.

April 2008 – April 2013:
Post-Doc and Assistant Professor in Functional Product at Luleå University of Technology.

April 2013-onwards:
Associate Professor in Product Innovation at Blekinge Institute of Technology.

Mar 2005 – Apr 2008 :
PhD student at Politecnico di Milano.

December 2004
MSc in Management Engineering at the University of Bergamo.

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.

SYSTEMS ENGINEERING

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.

H-index: 19
I10-index: 34
Total papers (dec 2019): 85
Total citations (dec 2019): 1045

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., 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.

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

*Course responsible
*Teacher and/or supervisor

Innovation Project Implementation and Realization (swe)

Knowledge Enabled Engineering (en)

Value Innovation (en)

Project course for ERASMUS students (en)



<http://www.bth.se/people/ber.nsf/pages/associate-professor-marco-bertoni>



<http://www.linkedin.com/in/mbertoni>



http://www.researchgate.net/profile/Marco_Bertoni/



<http://bth.academia.edu/MarcoBertoni>