



Living Lab Summer School 2010

25.08.-27.08.2010, Paris

Preparation- Reader

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The idea behind this reader is that participants of the Living Lab Summer School would arrive at the venue with the same level of knowledge. This will provide us with a common ground for the discussions. It will allow us to build upon this knowledge, to relate to it and to develop it further.

We therefore invite all participants to consider, before the event, the below listed papers (for either reading the abstracts or diagonally the full papers) and explore the provided links. You can also do it on the official Web site at the present address : [follow this link](#)

1. eJOV2010 Electronic Journal for Virtual Organizations and Networks, Vol 11, august 2010

Katzy, B. & Klein, S. (2008). **Editorial Introduction. Special Issue on Living Labs.** The Electronic Journal for Virtual Organizations and Networks, 10. Online available at:
http://www.ejov.org/Projects/264/Issues/eJOV%20Special%20Issue%20on%20Living%20Labs%202008/eJOV10_SPILL1_Katzy_Klein_Editorial.pdf

Almirall, E. & Wareham, J. (2008). **Living Labs and open innovation: Roles and applicability.** Electronic Journal for Virtual Organizations and Networks, 10: 22-46. Online available at:
http://www.ejov.org/Projects/264/Issues/eJOV%20Special%20Issue%20on%20Living%20Labs%202008/eJOV10_SPILL3_Almirall_Living%20Labs%20and%20open%20Innovation.pdf

Følstad, A. (2008). Living Labs for innovation and development of information and communication technology: a literature review. The Electronic Journal for Virtual Organizations and Networks, 10: 100-131. Online available at:
http://www.ejov.org/Projects/264/Issues/eJOV%20Special%20Issue%20on%20Living%20Labs%202008/eJOV10_SPILL7_Folstad_Living%20Labs%20for%20Innovation%20and%20Development.pdf

2. ICE 2010 Collaborative Environments for Sustainable Innovation, Lugano, 21 Juin 2010.

(Access authorized only to the LLSS2010 registrants : [follow this link](#))

Santoro, R. & Conte, M. (2009). **Living Labs in Open Innovation Functional Regions.**

Paper presented at the 14th International Conference on Concurrent Enterprising, Leiden.

[http://www-](http://www-sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/SantoroConte_2009.pdf)

[sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/SantoroConte_2009.pdf](http://www-sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/SantoroConte_2009.pdf)

The paper

- presents the conceptual framework the Living Lab as mechanism to support the innovation and product development processes for the European Industry
- discusses the different phases of the implementation cycle of Living Labs into Open Innovation Functional Regions, as well as the expected benefits and impact for Industry and Society

Baltes, G. & Gard, M. (2010). **Living Labs as intermediary in open innovation: On the role of entrepreneurial support.** Paper presented at the 15th International Conference on Concurrent Enterprising, Lugano. The paper

- argues that not only lead users and technology providers but also entrepreneurs play a vital role in the process of Living Lab implementation.
- compares the attributes of Living Labs to other intermediary institutions.

Chen, K., Tsui, H.-L., Yang, C.-T, Ting, L., & Hounq, H. (2010) **A Living Lab Model for User Driven Innovation in Urban Communities.** Paper presented at the 15th International Conference on Concurrent Enterprising, Lugano

Case study about “Taiwan Living Lab” which incorporates a user-centric multidisciplinary research approach based on real life experiments

Laura Draetta & Fabien Labarthe (2010). **The Living Labs at the test of user-centered innovation - Proposal of a methodological framework.** Paper presented at the 15th International Conference on Concurrent Enterprising, Lugano.

Based upon the experience derived from the PACA Labs assistance program of digital innovation led by the Regional Council of Provence-Alpes-Cote d'Azur (France), the paper proposes a methodological framework to identify issues and provide some rational answers about

- the identification of users,
- the choice of forms of assessment,
- good methods in terms of data collection and
- the types of skills likely to implement them.

Kuba, A., Török, T., Csoma, C., Uhlir, P., Szabó, E., Ács, E., Takáts, A. (2010). **Living Laboratory and eHealth: People, Regulation, Industrial Partners.** Paper presented at the 15th International Conference on Concurrent Enterprising, Lugano.

- Case study about an eHealth project running in Homokháti Living Lab (Hungary)

Schaffers, H. & Santoro, R. (2010). **The Living Labs Concept Enhancing Regional Innovation Policies and Instruments.** Paper presented at the 15th International Conference on Concurrent Enterprising, Lugano.

The paper

- argues that that the living labs concept has the potential to enrich the existing set of instruments for regional innovation policies.
- identifies the key issues in making the living labs concept more effective for regional innovation

3. Other Sources

Mulder, I., Stappers, P. J. (2009). **Co-creating in Practice: Results and Challenges**. Proceedings of the 15th International Conference on Concurrent Enterprising, ICE'2010 "Collaborative Innovation: Emerging Technologies, Environments and Communities", Leiden, The Netherlands, June 2009 see : http://www-sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/202_Ingrid_Mulder_and_Jan_Stappers.pdf

Kuijjer, L.; De Jong, A.M. (2009). A Practice Oriented Approach to User Centered Sustainable Design. Proceedings EcoDesign 2009, Sapporo, 2009
Retrieved in http://www.livinglabproject.org/wp-content/uploads/ecodesign2009_kuijjer.pdf

Sanders, L. (2008). **An evolving map of design practice and design research**. *interactions* 15, 6 (Nov. 2008), 13-17. DOI= <http://doi.acm.org/10.1145/1409040.1409043>

Sanders, L., Stappers, P. J. (2008). **Co-creation and the new landscapes of design**. *CoDesign: International Journal of CoCreation in Design and the Arts*, Vol. 4, No. 1. (2008), pp. 5-18. http://www-sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/Co-Creation%20and%20the%20new%20landscapes%20of%20design_Sanders_Stappers_08_preprint.pdf

Holtzblatt, K (2001). **Contextual Design: Experience in Real Life**. Mensch & Computer 2001.
Retrieved in <http://mc.informatik.uni-hamburg.de/konferenzbaende/mc2001/Holtzblatt.pdf>

Kusiak, A.,(2007). **Innovation: The Living Laboratory Perspective**. Computer-Aided Design & Applications, 2007, Vol. 4, No. 6, pp 863–876 <http://www-sop.inria.fr/teams/axis/LLSS2010/ecoleLL/sites/default/files/Innovation%20The%20Living%20Laboratory%20Perspective%20Kusiak%202007.PDF>

Schumacher, J., Feurstein, K. (2007). **Living Labs – the user as co-creator**. Proceedings of the 13th International Conference on Concurrent Enterprising, ICE'2007 Concurrent Innovation: an emerging paradigm for Collaboration & Competitiveness in the extended enterprise – Sophia-Antipolis, France
Retrieved in [http://www.ice-proceedings.org/Projects/408/ICE%202007/Concurrent%20Innovation%20\(concepts,%20cases%20and%20tools\)/4-125_Feurstein_final.pdf](http://www.ice-proceedings.org/Projects/408/ICE%202007/Concurrent%20Innovation%20(concepts,%20cases%20and%20tools)/4-125_Feurstein_final.pdf)

4. Relevant URLs

“Living Lab” in Wikipedia, prepared by Marc Pallot:
http://en.wikipedia.org/wiki/Living_lab

Amsterdam Living Lab Knowledge Center (2010): Website on tools and methods. Online available at: <http://amsterdamlivinglab.novay.nl/>

Apollon Project- Advanced Pilots of Living Labs Operating in Networks
<http://www.apollon-pilot.eu/>

Web 2.0 User Content Creation, article “Blogs, Mashups, & Wikis: Oh, My!”: (reference see below)
http://findarticles.com/p/articles/mi_qa3937/is_200707/ai_n19434432/?tag=content;coll

“Contextual Design” in Wikipedia:
http://en.wikipedia.org/wiki/Contextual_design

ENoLL Nordic project (2009). **Living Lab Toolbox**. Online available at <http://lltoolbox.eu/>

Article on “Crowdsourcing” (reference see below)
<http://techbizwatch.wordpress.com/category/wikis/>

Pallot, M; Trousse, B.; Prinz, W.;Richir, S.; de Ruyter, B.;Rerolle, O.: Katzy, B.;Senach, B.: Living Labs Research. ECOSPACE Special Issue Newsletter 5 dedicated to Living Labs, pages 15–22. Retrieved in [http://www.ami-communities.eu/wiki/ECOSPACE Newsletter No 5#Living Labs Research](http://www.ami-communities.eu/wiki/ECOSPACE_Newsletter_No_5#Living_Labs_Research)

Norden Nordisk Innovation Center (2008). **User-Driven Innovation - Context and Cases in the Nordic Region**. Online available at <http://www.nordicinnovation.net/prosjekt.cfm?id=1-4415-246>

User Experience:
<http://www.uxnet.org>

The CO-LLABS European Thematic Network - Community Based Living Labs to enhance SMEs Innovation in Europe (Public BSCW space) at <http://www.ami-communities.eu/wiki/CO-LLABS>

the GNSS Living Lab Prize
http://www.galileo-masters.eu/index.php?anzeige=special_prizes_gnss.html

Added by Marc Pallot:

Papers References:

Chesbrough, H.W. (2003). Open Innovation: The new imperative for creating and profiting from technology. Boston: Harvard Business School Press.

Dearstyne, B. W. (2007). Blogs, Mashups, & Wikis Oh, My! Information Management Journal 41 (4):24-33. Retrieved in http://findarticles.com/p/articles/mi_qa3937/is_200707/ai_n19434432/?tag=content;coll

Hempel, J. (2007). Tapping the Wisdom of the Crowd. Business Week Online:27-27. Retrieved in <http://techbizwatch.wordpress.com/category/wikis/>

ISTAG EAR working group report "Involving users in the development of Ambient Intelligence". Retrieved in <http://www.cordis.lu/ist/istag.htm>

Von Hippel, E. (1986). Lead users: a source of novel product concepts. Management Science 32, 791–805.

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