

Author's Accepted Manuscript

Public design of digital commons in urban places: A case study

Maurizio Teli, Silvia Bordin, María Menéndez Blanco, Giusi Orabona, Antonella De Angeli



www.elsevier.com/locate/ijhcs

PII: S1071-5819(15)00026-9
DOI: <http://dx.doi.org/10.1016/j.ijhcs.2015.02.003>
Reference: YIJHC1936

To appear in: *Int. J. Human-Computer Studies*

Received date: 26 June 2014
Revised date: 12 January 2015
Accepted date: 9 February 2015

Cite this article as: Maurizio Teli, Silvia Bordin, María Menéndez Blanco, Giusi Orabona, Antonella De Angeli, Public design of digital commons in urban places: A case study, *Int. J. Human-Computer Studies*, <http://dx.doi.org/10.1016/j.ijhcs.2015.02.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Public design of digital commons in urban places: A case study

Maurizio Teli, Silvia Bordin, María Menéndez Blanco, Giusi Orabona,
Antonella De Angeli

*Department of Information Engineering and Computer Science, University of Trento
via Sommarive 9, 38123 Povo (TN), Italy*

Abstract

This paper can be framed within the growing interest in the public dimension of technology design: it proposes a framework for the public design of urban technologies by elaborating on the concepts of digital commons, matters of concerns and engagement. The framework is discussed through the case study of a mobility application developed within a wider project of digital commons design. We contrast a Smart City approach and a urban computing one, and we argue that the latter is more fruitful in the long run, since it entails elements for the establishment of forms of recursive engagement of users, who co-produce digital commons together with technology designers as a response to their matters of concern. Applying our framework to the design of urban technologies, we conclude that design should support collaborative practices starting from the articulation of matters of concern to designing in a participatory way.

Keywords: matters of concerns, recursive engagement, smart city, urban computing, mobile applications

Email address: maurizio.teli@unitn.it, bordin@disi.unitn.it,
menendez@disi.unitn.it, giusi.orabona@unitn.it, deangeli@disi.unitn.it
(Maurizio Teli, Silvia Bordin, María Menéndez Blanco, Giusi Orabona, Antonella De Angeli)

Download English Version:

<https://daneshyari.com/en/article/6861070>

Download Persian Version:

<https://daneshyari.com/article/6861070>

[Daneshyari.com](https://daneshyari.com)