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Creative eco crafts and sustainability of interior design [Texto impreso] : schools in Aswan, Egypt as a case study / Lobna Mahmoud Moubarak, Eman Wajdy Qassem

Este artículo se encuentra disponible en su edición impresa y electrónica. Los datos para su localización están accesibles a través del enlace al título de la publicación. Su acceso electrónico es a través del enlace de 'Acceso al documento'.

References: p. 851-853

The incorporation of eco and heritage handicrafts into interior design practice to achieve sustainability is the safeguard for such crafts. In Egypt, there is a wide range of local materials, cultural resources and craftsmen and craftswomen. Many craftsmen no longer find it economically viable to pursue craftsmanship as a primary profession, leading to their market exclusion. This paper attempts to clarify the relation between eco and heritage crafts and the development of sustainable interior spaces. In addition, this paper introduces a practical approach to develop interior spaces of schools buildings based on integration between heritage and eco crafts and interior design practice. Selecting school interiors to be a case study can add an additional potential to employ eco and heritage crafts for educational purposes. Accordingly, the experience of students who are enrolled with such important crafts will be improved.

The design journal. -- 2018 (November), v.21, n.6, p. 835-854

1. Aswan 2. Eco crafts 3. Folk handicrafts 4. Heritage crafts 5. Sustainable interior design 6. Sustainable schools

2

The designer as facilitator of multidisciplinary innovation projects [Texto impreso] / Bettina Minderl, Astrid Heidemann Lassen

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References: p. 807-810

Designers increasingly facilitate multidisciplinary innovation projects. The user-centred design approach offers the opportunity to increase idea generation, co-creation and multidisciplinary exchange and convey more flexible and open innovation process approaches. However, we have little knowledge about how the designer as facilitator influences these innovation projects. This becomes however more and more important, as more open and networked innovation have become prominent innovation paradigms. This paper explores the contribution that designers bring into multidisciplinary settings. It is based on empirical data from three case studies. It contributes to extant literature on designers as facilitators by identifying the interplay between different levels of creative facilitation as moderating factor for the fulfilment level of the collaboration. We propose to include the balancing of this interplay as additional input of facilitating designers.

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1. Designer 2. Facilitation 3. Idea generation 4. Multidisciplinary innovation

3

Integrating The User Into The Formative Stages of Medical Device Usability Design [Texto impreso] : A Speculative and Collaborative Approach/ Rowan Page

Este artículo se encuentra disponible en su edición impresa y electrónica. Los datos para su localización están accesibles a través del enlace al título de la publicación. Su acceso electrónico es a través del enlace de 'Acceso al documento'.

References: p. 871-872

This article discusses a PhD study based in a healthcare design lab at Monash University (Health Collab). The research interrogates how design methods can contribute to improving medical device usability, through a project re-designing cochlear implant (CI) systems, collaboratively with Cochlear Ltd. This practice is informed by existing usability design methods that are driven by human factors engineering and promoted by regulators. The research aims to augment these existing approaches with experience design methods, integrating the 'contextual

push' of users alongside the 'technology push' of engineering driven development together into a framework for design. Through the creation and discussion of speculative design probes, situated within co-design workshops, this framework provides a way to collaborate with medical device users. These methods explore enhancing the efficacy of these collaborations within the formative stages of development, providing opportunities to challenge the conceptualization of how entire devices and interfaces are used; rather than just changes to labels, packaging, and training.

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1. Co-design 2. Formative development 3. Medical devices 4. Speculative design

4

Making sense [Texto impreso] : empowering participatory sensing with transformation design / Saskia Coulson, Mel Woods, Michelle Scott, Drew Hemment

Este artículo se encuentra disponible en su edición impresa y electrónica. Los datos para su localización están accesibles a través del enlace al título de la publicación. Su acceso electrónico es a través del enlace de 'Acceso al documento'.

References: p. 829-832

This paper demonstrates the value of transformation design in participatory sensing and describes how design can inform awareness and develop actions for change to tackle environmental issues. Recent research advocates for participatory sensing (open data capture through digital platforms) using technology that can assist and inspire citizens in driving environmental change. This paper examines a study aimed at overcoming some of the challenges associated with the sustainability and impact of environmental participatory sensing. Our approach merges the fields of participatory sensing and design, and explores how transformation design can add an important dynamic in the framing of participatory sensing. It conceptualizes the way that communities increase awareness of environmental issues and take action to effect positive change. We present a study conducted across three European cities with citizens who were concerned about environmental challenges. Our contribution describes an approach and range of methods for supporting action and change.

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1. Citizen science 2. Making sense 3. Participatory sensing 4. Transformation design 5. Urban environmental challenges

5

New product styles and concepts in the bicultural context [Texto impreso] / Chong-Wen Chen

Este artículo se encuentra disponible en su edición impresa y electrónica. Los datos para su localización están accesibles a través del enlace al título de la publicación. Su acceso electrónico es a través del enlace de 'Acceso al documento'.

References: p. 784-787

This paper explores how designers develop new product styles and concepts by combining elements and features of two distinct cultures. Looking at historical events, the author indicates that cultural adaptation could bring novel manifestations of arts and design. He applies the concept of dialectics to analyse the formation of novelties and then proposes three levels of design schemes to facilitate product innovation in the bicultural context. Finally, two cases are presented to demonstrate key factors of the proposed approach. The results suggest that cross-cultural communication and inquiry learning are important tactics for fostering creativity and product innovation.

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1. Creativity 2. Cultures 3. Design thinking 4. Identity 5. Innovation

6

Vietnamese Folk Architecture [Texto impreso] : Regional Architecture based on Climatic Adaptation / Duc Vien Le

Este artículo se encuentra disponible en su edición impresa y electrónica. Los datos para su localización están accesibles a través del enlace al título de la publicación. Su acceso electrónico es a través del enlace de 'Acceso al documento'.

References: p. 861-862

Facing the challenges of an ever more globalized world of architectural convergence, studies of the regional architecture can serve as a refreshing counterpoint that brings essential insight and more down-to-earth perspective. The regionalism in architecture was reflected in many aspects, including the aspects of climatic adaptation in recent architecture research and implementations. This study takes the Vietnamese folk architecture as the research object and proceeds with in-depth research on the local climate and its influence on architectural characteristics, to understand the means of climatic adaptation, and provide an effective guideline for the development of Vietnamese contemporary architectural design.

The design journal. -- 2018 (November), v.21, n.6, p. 855-862

1. Climatic adaptation 2. Contemporary architectural design 3. Regional architecture 4. Vietnamese folk architecture
