

Sustainability and Growth

NES 2012 Conference papers
recommended to be extended on the theme
and submitted to
International Journal of
Human Factors and Ergonomics

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Sustainability

Environmental, economical and social aspects

- Few full papers within the topic
- Few papers included a theoretical base or definitions of the area
- Few papers discussed more than one aspect

B1: Session USABILITY

Defining ergonomic design for a sustainability approach. Methodology and a first verification on usability of products

G. Bucchiano, A. Marano, E. Rossi & S. Picciani

Department of Architecture
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Four sustainable principles – the recognized value of ethic, the respect for environment and for ecosystem, the promotion of knowledge and the incentive to participation - are discussed in relation to ergonomic design.

Papers suggested to extend the theme

- D1:** Knowledge Ergonomics – Linking islands of knowledge to promote sustainable shipping – Cecilia Österman: Chalmers, (SE)
- D4:** Healthy and sustainable work organisation beyond the ambivalences of self-organisation – Porschen, S. Huchler, N. Neumer, J. Sauer, S: Inst Social Science Research, Munchen, (D)
- E2:** Stress and system in the work environment – Nilsen, O.V, Fostervold, K-I, Koren P: Synergon & University of Oslo, (N)
- B7:** Evaluating public transport vehicles using full scale mockups and staged experiences – O. Rexfelt; P Engelbrektsson, Chalmers (SE)
- A1:** Patient quality effects from lean healthcare - M Brännmark, P Lindskog, A Halvarsson: KTH Stockholm (SE)
- E2:** Work environment and health determinants in employees with no sick-leave – E Schell; T Theorell, B Nilsson, H Saraste: Karolinska Institute, Stockholm Univ, (SE)