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## Elisângela Brito Pessoa Vilar

### Supervisions

#### • M.Sc. Dissertations

##### - Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Tânia Sofia Pereira Borges	Can a Nature-Like Surrounding Influence Interview Anxiety? A Virtual Reality Study	English	Iscte	2015

### Total Citations

Web of Science®	294
Scopus	309

### Publications

#### • Scientific Journals

##### - Scientific journal paper

1	Vilar, E., Rebelo, F. & Noriega, P. (2014). Indoor human wayfinding performance using vertical and horizontal
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	<p>signage in virtual reality. <i>Human Factors and Ergonomics in Manufacturing and Service Industries</i>. 24 (6), 601-615</p> <p>- Times Cited Web of Science®: 107</p> <p>- Times Cited Scopus: 105</p>
2	<p>Vilar, E., Rebelo, F., Noriega, P., Teles, J. &amp; Mayhorn, C. (2013). Signage versus environmental affordances: is the explicit information strong enough to guide human behavior during a wayfinding task?. <i>Human Factors and Ergonomics in Manufacturing and Service Industries</i>. 25 (4), 453-468</p> <p>- Times Cited Web of Science®: 32</p> <p>- Times Cited Scopus: 33</p>
3	<p>Vilar, E., Rebelo, F., Noriega, P., Teles, J. &amp; Mayhorn, C. (2013). The influence of environmental features on route selection in an emergency situation. <i>Applied Ergonomics</i>. 44 (4), 618-627</p> <p>- Times Cited Web of Science®: 104</p> <p>- Times Cited Scopus: 104</p>
4	<p>Teixeira, L., Vilar, E., Duarte, E., Rebelo, F. &amp; da Silva, F. M. (2012). Comparing two types of navigational interfaces for virtual reality. <i>Work: A Journal of Prevention, Assessment and Rehabilitation</i>. 41, 2195-2200</p> <p>- Times Cited Web of Science®: 6</p> <p>- Times Cited Scopus: 7</p>
5	<p>Vilar, E., Teixeira, L., Rebelo, F., Noriega, P. &amp; Teles, J. (2012). Using environmental affordances to direct people natural movement indoors. <i>Work: A Journal of Prevention, Assessment and Rehabilitation</i>. 41, 1149-1156</p> <p>- Times Cited Web of Science®: 38</p> <p>- Times Cited Scopus: 34</p>
6	<p>Vilar, E., Filgueiras, E. &amp; Rebelo, F. (2007). Integration of people with disabilities in the workplace: a methodology to evaluate the accessibility degree. <i>Occupational Ergonomics</i>. 7 (2), 95-114</p> <p>- Times Cited Scopus: 1</p>

## • Books and Book Chapters

### - Book chapter

1	<p>Eloy, S., Dias, J., Lopes, P. F. &amp; Vilar, E. (2016). Digital technologies in architecture and engineering: Exploring an engaged interaction within curricula. In David Fonseca, Ernest Redondo (Ed.), <i>Handbook of research on applied e-learning in engineering and architecture education</i>. (pp. 368-402): IGI Global.</p> <p>- Times Cited Google Scholar: 14</p>
2	<p>Dias, M. S., Vilar, E., Sousa, F., Vasconcelos, A., Pinto, F. M., Saldanha, N....Eloy, S. (2015). A living labs approach for usability testing of ambient assisted living technologies. In Marcus, A. (Ed.), <i>Design, user experience, and usability: Design discourse. Lecture Notes in Computer Science</i>. (pp. 167-178). Los Angeles: Springer.</p> <p>- Times Cited Web of Science®: 4</p> <p>- Times Cited Scopus: 7</p> <p>- Times Cited Google Scholar: 16</p>
3	<p>Vilar, E., Rebelo, F., Noriega, P., Teixeira, L., Duarte, E. &amp; Filgueiras, E. (2013). Are Emergency Egress Signs Strong Enough to Overlap the Influence of the Environmental Variables?. In Aaron Marcus (Ed.), <i>Design, User Experience, and Usability. User Experience in Novel Technological Environments</i>. (pp. 205-214). Berlin, Heidelberg: Springer Berlin Heidelberg.</p> <p>- Times Cited Scopus: 6</p>
4	<p>Vilar, E., Noriega, P., Rebelo, F., Pereira, Leonor &amp; Santos, I. (2012). Eye movement and environmental affordances in an emergency egress task: A pilot study. In Francisco Rebelo &amp; Marcelo Soares (Ed.), <i>Advances in Usability Evaluation Part II</i>. (pp. 8355-8364). Boca Raton: CRC Press .</p>

5	Duarte, E., Vilar, E., Rebelo, F., Teles, J. & Almeida, A. (2011). Some Evidences of the Impact of Environment's Design Features in Routes Selection in Virtual Environments. In Randall Shumaker (Ed.), Virtual and Mixed Reality - New Trends. (pp. 154-163). Berlin, Heidelberg: Springer Berlin Heidelberg. - Times Cited Scopus: 3
6	Vilar, E., Rebelo, F., Noriega, P. & Teixeira, L. (2011). Environmental Affordances as a Way to Help in the Design of Videogame Worlds. In Aaron Marcus (Ed.), Design, User Experience, and Usability. Theory, Methods, Tools and Practice. (pp. 323-331). Berlin, Heidelberg: Springer Berlin Heidelberg. - Times Cited Web of Science®: 1
7	Vilar, E. & Rebelo, F. (2010). Virtual Reality in Wayfinding Studies. In D . Kaber and G . Boy (Ed.), Advances in Cognitive Ergonomics. (pp. 802-811). Boca Raton: CRC Press.
8	Vilar, E., Rebelo, F., Teixeira, L. & Teles, J. (2010). Are people able to develop cognitive maps of virtual environments while performing wayfinding tasks?. In Advances in Cognitive Ergonomics. (pp. 576-585). Boca Raton: CRC Press.
9	Vilar, E., Filgueiras, E. & Rebelo, F. (2007). Methodology to Apply a Usability Testing by Non Specialized People: Evaluation of the European Platform "e-Exhibitions". In Marvin J. Dainoff (Ed.), Ergonomics and Health Aspects of Work with Computers. (pp. 359-367). Berlin, Heidelberg: Springer Berlin Heidelberg.

## • Conferences/Workshops and Talks

### - Publication in conference proceedings

1	Dias, M. S., Eloy, S., Carreiro, M., Vilar, E., Marques, S., Moural, A....Pedro, T. (2014). Space perception in virtual environments: On how biometric sensing in virtual environments may give architects users's feedback. In Thompson, E. M. (Ed.), Fusion - Proceedings of the 32nd eCAADe Conference. (pp. 271-280). Newcastle: Education and research in Computer Aided Architectural Design in Europe. - Times Cited Web of Science®: 2 - Times Cited Scopus: 9 - Times Cited Google Scholar: 16
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### - Talk

1	Leite, Sofia, Resende, R., Dias, J., Eloy, S., Freitas, J., Marques, S....Silva Pedro, T. (2015). User experience during VE navigation quantified by self-report and physiological data . 3rd SUWMIAC - Summer Workshop Microsoft-ISCTE IUL on Applied Computing.
2	Marques, S., Ramos, M., Cruz, J., Dias, J., Eloy, S., Carreiro, M...Vilar, E. (2015). Matter over mind: environmental influences on the activation of aging stereotypes. The Gerontological Society of America: 68th Annual Scientific Meeting. - Times Cited Google Scholar: 1
3	Dias, Miguel Sales, Eloy, S., Carreiro, M., Proença, P., Moural, A., Silva Pedro, T....d&#x27;Alpuim, J. (2014). Designing better spaces for people. Proceedings of CAADRIA 2014 conference. 739-748