

Document details

[< Back to results](#) | 1 of 1
[↗ Export](#)
[⬇ Download](#)
[🖨 Print](#)
[✉ E-mail](#)
[💾 Save to PDF](#)
[★ Add to List](#)
[More... >](#)
[View at Publisher](#)

Proceedings - International Conference on Information and Communication Technology for the Muslim World 2018, ICT4M 2018
 6 December 2018, Article number 8567131, Pages 260-265
 2018 International Conference on Information and Communication Technology for the Muslim World, ICT4M 2018; Kuala Lumpur; Malaysia; 23 July 2018 through 25 July 2018; Category numberCFP1854K-ART; Code 143602

Persuasive technology from islamic perspective (Conference Paper)

Bawazir, M.A. ✉, Mahmud, M. ✉, Molok, N.N.A. ✉

Department of Information Systems (DIS), Kulliyyah (Faculty) of Information and Communication Technology (KICT), International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia

Abstract

[View references \(24\)](#)

The effective use of persuasive technology in health, computing, sales, education, environment, etc is rapidly expanding. Persuasive technology is efficient in changing the attitudes and behaviours of end users. This paper demonstrates how persuasive technology and its design factors proposed in FBM are associated with the Islamic perspective from the Quran and Hadith. This paper starts by explaining the ethics of persuasive technology and discussing persuasive technology and its principal design factors in the Islamic perspective. The paper also discusses the extent to which Islamic principles enhance the concept of persuasive technology as an interactive computing system that could change attitudes and behaviours. In particular, this paper discusses how practices and principles of the design factors of persuasive technology were identified and applied in early Islamic era. The conceptual findings assert that Islamic principles are a universal and contemporary religion that cares for persuasive technology concepts. © 2018 IEEE.

SciVal Topic Prominence ⓘ

Topic: [Technology](#) | [Design](#) | [social influence](#)

Prominence percentile: 91.504 ⓘ

Author keywords

[Ethics](#) [Islamic perspective](#) [Persuasion](#) [Persuasive technology](#)

Indexed keywords

Engineering controlled terms: [Philosophical aspects](#)

Engineering uncontrolled terms: [Design factors](#) [End users](#) [Ethics](#) [Interactive computing system](#) [Islamic perspective](#) [Islamic principles](#) [Persuasion](#) [Persuasive technology](#)

Engineering main heading: [Engineering education](#)

Metrics ⓘ

0 Citations in Scopus

0 Field-Weighted Citation Impact



PlumX Metrics

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 0 documents

Inform me when this document is cited in Scopus:

[Set citation alert >](#)

[Set citation feed >](#)

Related documents

Persuasive technology for improving information security awareness and behavior: Literature review

Bawazir, M.A. , Mahmud, M. , Molok, N.N.A. (2017) *Proceedings - 6th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2016*

Application of persuasive technologies in rehabilitation management of foot-drop patient

Gu, L.Y. , Ruan, Z.M. , Jia, G.F. (2015) *IET Conference Publications*

Personalized design process for persuasive technologies

Van Dooren, M.M.M. , Visch, V.T. , Spijkerman, R. (2017) *CEUR Workshop Proceedings*

[View all related documents based on references](#)

References (24)

[View in search results format >](#) All Export Print E-mail Save to PDF Create bibliography

-
- 1 IJsselsteijn, W., De Kort, Y., Midden, G., Eggen, B., Van Den Hoven, E.
Persuasive technology for human well-being: Setting the scene
(2006) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 3962 LNCS, pp. 1-5. Cited 90 times.
<http://springerlink.com.ezproxy.um.edu.my/content/0302-9743/copyright/2005/>
ISBN: 3540342915; 978-354034291-5
doi: 10.1007/11755494_1
[View at Publisher](#)
-
- 2 Bawazir, M.A., Mahmud, M., Molok, N.N.A., Ibrahim, J.
Persuasive technology for improving information security awareness and behavior: Literature review
(2016) *Proceedings - 6th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2016*, art. no. 7814907, pp. 228-233. Cited 3 times.
ISBN: 978-150904521-1
doi: 10.1109/ICT4M.2016.49
[View at Publisher](#)
-
- 3 Fogg, B.
Persuasive technology using computers to change what we think and do
(2002) *Ubiquity*. Cited 326 times.
-
- 4 Fogg, B.
A behavior model for persuasive design
(2009) *ACM International Conference Proceeding Series*, 350, art. no. 40. Cited 469 times.
ISBN: 978-160558376-1
doi: 10.1145/1541948.1541999
[View at Publisher](#)
-
- 5 Moradi, H.
(2010) *Persuasion and Communication*
Tehran, Iran: Saghi
-
- 6 Hogan, J.M.
Persuasion in the Rhetorical Tradition
(2012) *The SAGE Handbook of Persuasion: Developments in Theory and Practice*, pp. 2-19. Cited 5 times.
http://knowledge.sagepub.com.ezproxy.um.edu.my/view/hdbk_persuasion2ed/SAGE.xml
ISBN: 978-145221841-0; 978-141298313-6
doi: 10.4135/9781452218410.n1
[View at Publisher](#)
-