

Scientific Publications

Journals & Book Chapters

1. Xiaoshan Yang, Tianzhu Zhang, Member, IEEE, Changsheng Xu, Fellow, IEEE, Shuicheng Yan, Senior Member, IEEE, M. Shamim Hossain, Senior Member, IEEE, Ahmed Ghoneim, Member, IEEE . **Deep Relative Attributes**. IEEE TRANSACTIONS ON MULTIMEDIA, VOL. pp, NO. pp, AUGUST 2016 .[ISI 2.303]
2. Lin, Kai, Jeungeun Song, Jiming Luo, Wen Ji, M. Shamim Hossain, and Ahmed Ghoneim. "**GVT: Green Video Transmission in the Mobile Cloud Networks**." VOL. pp, NO. pp, AUGUST 2016.[ISI 2.615]
3. Quan Fang, Changsheng Xu, Jitao Sang, M. Shamim Hossain, Ahmed Ghoneim: **Folksonomy-Based Visual Ontology Construction and Its Applications**. IEEE Trans. Multimedia18(4): 702-713 (2016) .[ISI 2.303]
4. Z. Wang, D. Wu, J. Chen, A. Ghoneim and M. A. Hossain, "**A Triaxial Accelerometer-Based Human Activity Recognition via EEMD-Based Features and Game-Theory-Based Feature Selection**," in IEEE Sensors Journal, vol. 16, no. 9, pp. 3198-3207, May1, 2016. .[ISI 1.762]
5. von Enzberg, Sebastian, Ayoub Al-Hamadi, and Ahmed Ghoneim. "Registration of Feature-Poor 3D Measurements from Fringe Projection."Sensors 16, no. 3 (2016): 283. .[ISI 2.24]
6. Said Fathy El-Zoghdy, Ahmed Ghoneim: **A Multi-Class Task Scheduling Strategy for Heterogeneous Distributed Computing Systems**. TIIS 10 (1): 117-135 (2016) .[ISI 0.54]
7. Tsung-Hung Tsai, Wei-Cih Jhou, Wen-Huang Cheng, Min-Chun Hu, I-Chao Shen, Tekoing Lim, Kai-Lung Hua, Ahmed Ghoneim, M. Anwar Hossain, Shintami C. Hidayati: **Photo sundial: Estimating the time of capture in consumer photos**. Neurocomputing 177:529-542 (2016) .[ISI 2.083]
8. Amr Tolba, Ahmed Ghoneim: **A Stepwise Self-adaptive Model for Improving Cloud Efficiency Based on Multi-Agent Features**. JSW 10 (8): 1037-1044 (2015)
9. Long Hu, Meikang Qiu, Jeungeun Song, M. Shamim Hossain, Ahmed Ghoneim: **Software defined healthcare networks**. IEEE Wireless Commun. 22(6): 67-75 (2015). .[ISI 5.4]
10. Agirre, A., Parra, J., Armentia, A., Ghoneim, A., Estévez, E., & Marcos, M. (2015). **QoS management for dependable sensory environments**. Multimedia Tools and Applications, 1-23.[ISI 1.3]
11. Dinges, L., Al-Hamadi, A., Elzobi, M., El-etriby, S., & Ghoneim, A. (2015). **ASM Based Synthesis of Handwritten Arabic Text Pages**. The Scientific World Journal, 2015.
12. Anwar Saeed, Ayoub Al-Hamadi, Ahmed Ghoneim: "**Head Pose Estimation on Top of Haar-Like Face Detection: A Study Using the Kinect Sensor**." Sensors 15.9 (2015): 20945-20966. [ISI 2.24]

13. Yasser Albagory, Mostafa Nofal, and Ahmed Ghoneim. "**Handover Performance of Unstable-Yaw Stratospheric High-Altitude Stations.**" *Wireless Personal Communications*: 1-13. [ISI 0.65]
14. M. Shamim Hossain, Abdullah Alghamdi, A. Ghoneim, A. Alelaiwi and MA Rahman : **Web Service-based Collaborative Engineering Education Environment.** Intl. J. Engineering Education (0949-149X). 2014 [ISI 0.58]
15. Nouredine Abbadeni, Ahmed Ghoneim, Abdullah AlGhamdi: **Program Educational Objectives Definition and Assessment for Accreditation Purposes.** iJEP 3(3): 33-46 (2013)
16. Md. Anwar Hossain, Jorge Parra, Dewan T. Ahmed, Atif Alamri, Ahmed Ghoneim and M. Shamim Hossain: **Distributed multimedia presentation control—A system perspective.** Academic Journals. 2012 [ISI]
17. A. Khoumsi, Z. Chentouf, A. Ghoneim and S. Elmougy: **Business Model for Composing Web Services,** IASTED Int. Conf. Communications, Internet, and Information Technology, Baltimore, USA, May 2012.
18. Samir Elmougy and Ahmed Ghoneim: **An Automatic Reconfigurable-Based Approach for Connectivity Mismatches of Web Services,** Springer-Verlag. ISBN: 978-3-642-22409-6. July 2011.
19. Ahmed A. Hussein, Ahmed Ghoneim, Reiner R. Dumke: **An Approach for Securing and Validating Business Processes Based on a Defined Enterprise Security Ontology Criteria,** Springer-Verlag. ISBN: 978-3-642-22409-6. July 2011.
20. Nouredine Abbadeni, Abdullah Alghamdi, Mohamed Batouche, and Ahmed Ghoneim. **Combining Multiple Methods and Metrics for the Assessment of ABET Students Outcomes - The Case of a Software Engineering Program.** The international Network of Engineering Education and Research (iNEER), August 21-26, Belfast, UK, 2011.
21. Samir El-Masri, Hamdan Al-Sabri, Ahmed Ghoneim : **Designing a Service Oriented Framework for Comprehensive Emergency System:** Proceedings of the 2011 International Conference on Semantic Web & Web Services, SWWS 2011
22. Ahmed Ghoneim, Samir Elmougy, Ahmed A. Hussein, Reiner R. Dumke: **A Service Oriented Integration and Adaptation Framework for Organizational Services Orchestration,** In Proceedings of the International Conference on Semantic Web and Web Services WORLDCOMP/SWWS'10: July 12-15, 2010, USA. To appear.
23. Ahmed Ghoneim, Samir Elmougy, Mohamed Kotta, and Hosni Abdullah: **Service Oriented Workflow Enhancement Blueprint Based on QoS and Graph Theory,** In Proceedings of the International Conference on Semantic Web and Web Services WORLDCOMP/SWWS'10: July 12-15, 2010, USA. To appear.
24. Ahmed Ghoneim, Samir Elmougy, Mohamed Kotta, and Hosni Abdullah: **Smart Service: SOA Business Logic Connectivity Adaptation ,** In Proceedings of the 7 International Conference in

- Informatics and systems (INFOS 2010), Cairo, Egypt, on 28-30 of March. 2010.
25. Hatem M. Noaman, Samir Elmougy, Ahmed Ghoneim, and Taher Hamza: **Naive Bayes Classifier Based Arabic Document Categorization**, In Proceedings of the 7 International Conference in Informatics and systems (INFOS 2010), Cairo, Egypt, on 28-30 of March. 2010.
 26. *Ghoneim, A.; Elmougy, S.; Al-Husain, L.*; Integrative framework for Service Oriented Architecture composition of business processes. In Proceedings of the Applications of Digital Information and Web Technologies, IEEE/ICADIWT 09, London, UK, on 4-6 of Aug. 2009.
 27. *Walter Cazzola and Sonia Pini and Ahmed Ghoneim and Gunter Saake*. Co-Evolving Application Code and Design Models by Exploiting Meta-Data. In Proceedings of the 12th Annual ACM Symposium on Applied Computing (SAC'07), Seoul, South Korea, on 11th-15th of March 2007. ISBN 1-59593-480-4
 28. *Walter Cazzola, Ahmed Ghoneim, and Gunter Saake*. Viewpoint for Maintaining UML Models against Application Changes. In Proceedings of International Conference on Software and Data Technologies (ICSOFT 2006), Setúbal, Portugal, 11th-14th of September 2006.
 29. *Ahmed Ghoneim and Sven Apel and Gunter Saake*. Evolutionary Software Life Cycle for Self-Adapting Software Systems. In Chin-Sheng Chen, Joaquim Filipe, Isabel Seruca, and José Cordeiro, editors, ICEIS 2005, Proceedings of the Seventh International Conference on Enterprise Information Systems, Miami, USA, May 25-28, pages 211_216, 2005.
 30. Walter Cazzola, Ahmed Ghoneim, and Gunter Saake. Software Evolution through Dynamic Adaptation of Its OO Design. In Hans-Dieter Ehrich, John-Jules Meyer, and Mark D. Ryan, editors, Objects, Agents and Features: Structuring Mechanisms for Contemporary Software, Lecture Notes in Computer Science 2975, pages 69-84. Springer-Verlag, ISBN 3-540-21989-7. July 2004.
 31. Walter Cazzola, Ahmed Ghoneim, and Gunter Saake. System Evolution through Design Information Evolution: a Case Study. W. Dosch, N. Debnath (eds.): Proceedings of the 13th International Conference on Intelligent and Adaptive Systems and Software Engineering. Nice, France, July 1-3, 2004. 145-150 pages. Cary, NC: International Society for Computer and Their Applications 2004. [ISBN 1-880843-52-X].
 32. Walter Cazzola, Ahmed Ghoneim, and Gunter Saake. RAMSES: a Reflective Middleware for Software Evolution. In Proceedings of the 1st ECOOP Workshop on Reflection, AOP and Meta-Data for Software Evolution (RAM-SE'04), in 18th European Conference on Object-Oriented Programming (ECOOP'04), Oslo, Norway, on 15th June 2004. 21-26 pages.
 33. Walter Cazzola, James O. Coplien, Ahmed Ghoneim, and Gunter Saake. Framework Patterns for the Evolution of Nonstoppable Software Systems. In Pavel Hruby and Kristian Eloff Sørensen, editors, Proceedings of the 1st Nordic Conference on Pattern Languages of

Programs (VikingPloP'02), pages 35–54, Højstrupgaard, Helsingør, Denmark, on 20th-22nd of September 2002. Microsoft Business Solutions. ISBN: 87-7849-769-8.

34. Walter Cazzola, Ahmed Ghoneim, and Gunter Saake. Reflective Analysis and Design for Adapting Object Run-time Behavior. In Zohra Bellahsene, Dilip Patel, and Colette Rolland, editors, Proceedings of the 8th International Conference on Object-Oriented Information Systems (OOIS'02), Lecture Notes in Computer Science 2425, pages 242–254, Montpellier, France, on 2nd-5th of September 2002. Springer-Verlag. ISBN: 3-540-44087-9.