

السيرة العلمية

الاسم: احمد عبد الائمة عبد الرضا الطائي.

الشهادة : دكتوراه في علوم الحاسوب الجامعة: بغداد

الاختصاص: علوم الحاسوب

البريد الالكتروني: a.altaie@csw.uobaghdad.edu.iq

مجال التدريس:

- الدراسات الاولية:

- برمجة كيانية التوجه، الصف الثاني، 2016-2018.
- برمجة مهيكلة، الصف الاول، 2016.
- شبكات الحاسوب والاتصالات، الصف الرابع، 2009-2010.
- برمجة نوافذ، الصف الرابع، 2008-2010.
- هياكل رياضية متقطعة، الصف الاول، 2007-2010.
- برمجة متقدمة، الصف الثالث، 2005-2008.
- معمارية حاسوب متقدمة، الصف الثالث ، 2006-2008.
- هندسة برامجيات، الصف الثالث، 2007-2008.
- رسوم الحاسوب، الصف الثالث، 2006-2007.
- محاكاة ونمذجة، الصف الثالث، 2005-2006.
- ذكاء اصطناعي، الصف الرابع، 2005-2007.
- معالجة صور رقمية، الصف الرابع، 2005-2007.

الاهتمامات البحثية:

- معالجة صور ورؤية الحاسبة.
- رسوم الحسوب ومرئيات.
- تحليل الصور الطبية.
- هندسة حيوية طبية.
- ضغط البيانات وتشفيرها.

النشریات:

- البحوث المنشورة:

- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Combining rules using local statistics and uncertainty estimates for improved ensemble segmentation", Pattern Recognition and Image Analysis 27 (3), 2017, pp 444-457.

- Linsen, Lars; Al-Taie, Ahmed; Ristovski, Gordan; Preusser, Tobias; Hahn, Horst K., *"Uncertainty and Reproducibility in Medical Visualization"*, 2016, pp 1-3, EuroVis Workshop on Reproducibility, Verification, and Validation in Visualization (EuroRV3). ISBN = {978-3-03868-017-8}, DOI = {10.2312/eurorv3.20161107}.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, *"Fast Uncertainty-Guided Fuzzy C-Means Segmentation of Medical Images."* Visualization in Medicine and Life Sciences III. Springer International Publishing, 2016. 25-48.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, *"Uncertainty estimation and visualization for multi-modal image segmentation"*. In Eurographics Workshop on Visual Computing for Biology and Medicine, VCBM 2015, Chester, UK, September 14-15, 2015. (2015), pp. 21–30. URL: <http://dx.doi.org/10.2312/vcbm.20151205>, doi: 10.2312/vcbm.20151205.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, *"Point-wise diversity measure and visualization for ensemble of classifiers – with application to image segmentation"*. In VISAPP 2015 – Proceedings of the 10th International Conference on Computer Vision Theory and Applications, Volume 1, Berlin, Germany, 11-14 March, 2015. (2015), pp. 569–576. URL:<http://dx.doi.org/10.5220/0005309605690576>,doi:10.5220/0005309605690576.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, *"Uncertainty-aware ensemble of classifiers for segmenting brain MRI data"*. In Eurographics Workshop on Visual Computing for Biology and Medicine, VCBM 2014, Vienna, Austria, 2014. Proceedings (2014), pp. 41–50. URL: <http://dx.doi.org/10.2312/vcbm.20141182>, doi:10.2312/vcbm.20141182.
- Ahmed Al-Taie , Horst K. Hahn , Lars Linsen.: *"Improved Bias-corrected Fuzzy C-means Segmentation of Brain MRI Data"*, May, 2014. International Journal of Hybrid Information Technology Vol.7, No.3 (2014). pp 65-84.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen. *"Special Section on Uncertainty and Parameter Space Analysis in Visualization: Uncertainty estimation and*

visualization in probabilistic segmentation." Computers & Graphics" 39 (2014):48-59. URL: <http://dx.doi.org/10.1016/j.cag.2013.10.012>,doi:10.1016/j.cag.2013.10.012.

عضوية الهيئات المحلية والدولية:

- IEEE student member 2013-2016.
- INSTICC member, 2015-2016.

Biography

Name: Ahmed . Abdel-Reda Al-Taie.

Certificate: PhD in Computer Science University: Baghdad Specialization: Computer Science

Email: a.altaie@csw.uobaghdad.edu.iq

Teaching field:

Initial studies:

Object Oriented Programming, Second Grade, 2016-2018.

Structured Programming, First Grade, 2016.

- Computer and communications networks, fourth grade, 2009-2010.

Windows Programming, fourth grade, 2008-2010.

- Intermittent sports structures, first row, 2007-2010.

- Advanced Programming, Third Grade, 2005-2008.

- Advanced Computer Architecture, Third Grade, 2006-2008.

Software Engineering, Third Grade, 2007-2008.

Computer Graphics, Third Grade, 2006-2007.

Simulation and Modeling, Third Grade, 2005-2006.

Artificial Intelligence, Fourth Grade, 2005-2007.

Digital Image Processing, fourth grade, 2005-2007

Research interests:

- Image processing and calculator visibility.

Computer graphics and visuals.

Medical image analysis.

- Biomedical engineering.

- Compress and encrypt data.

Publications:

Research published:

- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Combining rules using local statistics and uncertainty estimates for improved ensemble segmentation", *Pattern Recognition and Image Analysis* 27 (3), 2017, pp 444-457.
- Linsen, Lars; Al-Taie, Ahmed; Ristovski, Gordan; Preusser, Tobias; Hahn, Horst K., "Uncertainty and Reproducibility in Medical Visualization", 2016, pp 1-3, *EuroVis Workshop on Reproducibility, Verification, and Validation in Visualization (EuroRV3)*. ISBN = {978-3-03868-017-8}, DOI = {10.2312/eurorv3.20161107}.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Fast Uncertainty-Guided Fuzzy C-Means Segmentation of Medical Images." *Visualization in Medicine and Life Sciences III*. Springer International Publishing, 2016. 25-48.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Uncertainty estimation and visualization for multi-modal image segmentation". In *Eurographics Workshop on Visual Computing for Biology and Medicine, VCBM 2015*, Chester, UK, September 14-15, 2015. (2015), pp. 21–30. URL: <http://dx.doi.org/10.2312/vcbm.20151205>, doi: 10.2312/vcbm.20151205.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Point-wise diversity measure and visualization for ensemble of classifiers – with application to image segmentation". In *VISAPP 2015 – Proceedings of the 10th International Conference on Computer Vision Theory and Applications, Volume 1*, Berlin, Germany, 11-14 March, 2015. (2015), pp. 569–576. URL: <http://dx.doi.org/10.5220/0005309605690576>, doi:10.5220/0005309605690576.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen, "Uncertainty-aware ensemble of classifiers for segmenting brain MRI data". In *Eurographics Workshop on Visual Computing for Biology and Medicine, VCBM 2014*, Vienna, Austria, 2014. *Proceedings* (2014), pp. 41–50. URL: <http://dx.doi.org/10.2312/vcbm.20141182>, doi:10.2312/vcbm.20141182.
- Ahmed Al-Taie , Horst K. Hahn , Lars Linsen.: "Improved Bias-corrected Fuzzy C-means Segmentation of Brain MRI Data", May, 2014. *International Journal of Hybrid Information Technology* Vol.7, No.3 (2014). pp 65-84.
- Al-Taie, Ahmed, Horst K. Hahn, and Lars Linsen. "Special Section on Uncertainty and Parameter Space Analysis in Visualization: Uncertainty estimation and visualization in

probabilistic segmentation." *Computers & Graphics* 39 (2014):48-59. URL:
<http://dx.doi.org/10.1016/j.cag.2013.10.012>,doi:10.1016/j.cag.2013.10.012.