We are pleased to present this list of publications by faculty in the department of Computer Science at the University of Central Florida that were published in the time period May 8, 2016 to May 7 2017. Authors who are faculty members in the department are indicated in bold face. Authors who are students of our faculty members are indicated with an asterisk (*) following their name. Corresponding authors are indicated with a plus sign following the name (+).

Journal Publications


44. Ma, Hanhui. Tu, Li-Chun. Naseri, Ardalan *. Huisman, Maximiliaan. Zhang, Shaojie. Grunwald, David and Pederson, Thoru. “CRISPR-Cas9 nuclear dynamics and target recognition in living cells”, *Journal of Cell Biology*, August 22, 2016; [http://dx.doi.org/10.1083/jcb.201604115](http://dx.doi.org/10.1083/jcb.201604115);
48. Meade, Travis *. Zhang, Shaojie and Jin, Yier. “IP protection through gate-level netlist security enhancement”, *Integration, the VLSI Journal*, (2016);
   a. [http://dx.doi.org/10.1016/j.vlsi.2016.10.014](http://dx.doi.org/10.1016/j.vlsi.2016.10.014);
57. Qi, Guo-Jun *, Liu, Wei, Aggarwal, Charu, and Huang, Thomas. “Joint Intermodal and Intramodal Label Transfers for Extremely Rare or Unseen Classes”, in *IEEE Transactions on Pattern Analysis and Machine Intelligence (T-PAMI)*, June 2016.


http://dx.doi.org/10.1007/s10009-017-0448-3

77. **Turgut, D.** and Bölöni, L. “Value of Information and Cost of Privacy in the Internet of Things,” Accepted for publication in *IEEE Communications Magazine*, February 2017.


Books


Book Chapters


Conference Papers with Proceedings


58. Hussein S*, Gillies R, Quinlin Cao, Qi Song, Bagci, U *. “TumorNET: Lung Nodule Characterization using Multi-View Convolutional Neural Network with Gaussian Process.” Published in IEEE ISBI 2017

59. Hussein S*, Quinlin Cao, Qi Song, Bagci, U * “Risk Stratification of Lung Nodules Using 3D CNN Multi-Task Learning.” Published in Information Processing in Medical Imaging (IPMI), 2017.


90. Mayle*, Bidoki, N. H. *, Masnadi, S. *, Bölöni, L. and Turgut, D. +, “"Investigating the Value of Privacy within the Internet of Things,"” Submitted to IEEE GLOBECOM’17, December 2017


119. Soomro, Khurram. Idrees, Haroon and Shah, Mubarak. “Predicting the Where and What of actors and actions through Online Action Localization, in Proceedings” at IEEE


123. Tang, Bo *, Yiu, Man Lung +, and Hua, Kien A.+, ““Exploit Every Bit: Effective Caching for High-Dimensional Nearest Neighbor Search,”” in Proc. of IEEE International Conference on Data Engineering (ICDE), at San Diego, U.S.A. April 19-22, 2017. (Short paper with poster presentation)


142. *Wong, J. and Gonzalez, A.J. “Parental Control vs. Teen Self-Regulation: Is there a middle ground for mobile online safety?” Published In the Proceedings of the 2017 at ACM Conference on Computer Supported Cooperative Work (CSCW 2017), Portland, OR.


Conference Papers without Published Proceedings

9. Chen, K.*, Wisniewski, P., Turgut, D., “/Leveraging the FiT API to Share Activity Levels with a Trusted Caregiver,”/ Poster presented at UCF’s Summer REU on IoT Showcase, Orlando, FL.
• Folkes, K.*, Badillo-Urquiola, K.*, Wisniewski, P. ““Understanding of Cyberbullying Incidents of YouTube Adolescents Creators,”” Poster presented at UCF’s Showcase of Undergraduate Research Excellence (SURE 2017), Orlando, FL.


• Ghosh, A.K.*, Wisniewski, P. ““Why Most Teens Hate the Mobile Apps Designed to Keep Them Safe Online,”” Poster presented at UCF’s 2017 Graduate Research Forum, Orlando, FL


• Hyman, R.*, Chen, K.*, Badillo-Urquiola, K.*, Wisniewski, P., ““Leverage the Fitbit API to Share Activity Levels with a Trusted Caregiver,”” Poster presented at UCF’s Showcase of Undergraduate Research Excellence (SURE 2017), Orlando, FL.


• Soros, L.B.* and Stanley, K.O. ““Is Evolution Fundamentally Creative?”” Proceedings of the Second Workshop on Open-Ended Evolution (OEE2) at the Fifteenth International Conference on Artificial Life, international
• Stanley, K.O.+ and L.B. Soros*, ““The Role of Subjectivity in the Evaluation of Open-Endedness,”” Proceedings of the Second Workshop on Open-Ended Evolution (OEE2) at the Fifteenth International Conference on Artificial Life, international
• Talone, A.*, Wisniewski, P. ““Enhancing Undergraduate Information Technology Education through Experiential Learning in User Experience (UX): Usability Testing for Bogen Communications, Inc.,”” Poster presented at UCF’s 2017 Graduate Research Forum, Orlando, FL.
• Torosdagli, Neslisah *+. Pattanaik, Sumanta. Bagci, Ulas. ““Parallel Out-of-Core Medical Volume Segmentation””, at the Grad Cohort Workshop 2017, April 7-8, 2017, Washington DC.